## MARITIME HERITAGE MINNESOTA

Ann Merriman Christopher Olson

Log Book 37 of the USS Essex

February 1, 1896 -July 31, 1896

Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship



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# USS Essex Log Book 37

## Finding Aid

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The editing of this log book and the creation of the finding aid was made possible by a generous donation from MHM friend and supporter Dr. Natalie Rosen.

### Log Book 37 of the USS *Essex*: February 1, 1896-July 31, 1896

The National Archives houses USS *Essex* Log Book 37. Throughout Log Book 37, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions; sometimes specific boiler are mentioned by their letter designation
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- discharging ashes onto a lighter
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- testing flood cocks in magazine and gun rooms
- testing of all electrical apparatus
- o crew conducting ship maintenance: engine maintenance/repair, boiler maintenance/ repair, coal bunker maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting - and sometimes tarring and caulking - the ship's hull and infrastructure, caulking the decks, iron work maintenance/repair, rigging repair/replacement, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, repairing sails, replacing sails, scraping and slushing spars, scrubbing masts and yards, repairing masts, hawser (mooring lines) maintenance/repair/replacement, condenser bed timber repair/ replacement, engine bed timber repair/replacement, steam cutter maintenance/ repair, steam/sail launch maintenance/repair, gig maintenance/repair, dinghy maintenance/repair, whale boat maintenance/repair, turned and cleaned hammocks and bedding, painting hammock netting panels, scraping and blacking boat davits, repaired ground tackle, repaired sounding apparatus, scraping out smokepipe, inspected cotton primers, repairing binnacles, repairing waste pipes of magazine and shell room, repairing rail, repaired skylights, repaired awning stanchions, awning repair/replacement, repairing air ports, repairing gun ports, repairing water closets, gun carriage/battery maintenance/repair

- crew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), target practice with the air gun, floating target practice, boat drills - all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, fire drills, single stick drills, revolver drills, torpedo drills, passing powder drills, fuze drills, abandon ship drills, man overboard drills, Gatling gun drills, howitzer drills, skirmishing, battalion drills, machine gun drills, pistol drills, rifle drills, bayonet drills, target practice with targeting hanging from a yardarm, Morse signal drills, landing party drills, navigation drills, man overboard drills, signaling with the flagship, Army and Navy signaling drills, watch signal drills, international signal drills, basic medical training (tourniquets, resuscitation), Marine Guard drill
- Marine Guard drills in the cutter
- cadet/apprentice drills: signaling drills, wig-wag signaling drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore
- o crew members are discharged at their own request (DOR)
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 37, on February 1, 1896, the USS *Essex* was moored at the US Naval Academy in Annapolis, MD, under the command of Commander Edward T. Strong. For the first week of the month, *Essex* provisioned and exercised her apprentices before departure on February 7, after experience cyclonic weather the previous day. *Essex* steamed down Chesapeake Bay and passed the lightship at the mouth of the Potomac River. By February 10, *Essex* passed into New York Harbor and

anchored in Sandy Hook Bay. After going through quarantine, *Essex* moved into the upper bay, exchanged numbers with USS *New York* and USRS *Vermont*, and moored alongside the Cob Dock of the New York Navy Yard. Commander Short paid a visit to the Commandant of the Navy Yard. For the remainder of February, Navy Yard work crews conducted needed repairs and maintenance on board Essex. Around the yard, the activities of USS *Columbia* and USS *Cincinnati* were noted, and on February 22, *Essex* dressed for George Washington's Birthday and the land battery fired a 21-gun salute.

During the first 9 days of March, Yard workmen continued their activities on board Essex, new crew were transferred from steel armored ram USS Katahdin and USRS Vermont, and some men boarded Essex for transfer to USS New York. During her time in port, ice movement was an issue and it threatened the docks. On March 9, Essex proceeded down the East River and into New York Harbor; the next day, she was in Chesapeake Bay and a large 'man-of-war' - likely USS Maine - was sighted. On March 11 and for the next few days, anchored at Hampton Roads, Essex took on apprentices, exchanged signals with Flagship USS New York<sup>1</sup>, USS Maine, USS Columbia, USS Montgomery, and USRS Franklin. USS Essex left for New York on March 14 and moored to the coaling wharf with the assistance of the New York Navy Yard tug. Crew transfers occurred, maintenance crews began work on the ship, and 300 books were received for the Essex library on March 23. Underway on March 26, the ship experienced a moderate gale and took refuge in Smithtown Bay, Long Island. The following day, Essex arrived at the Naval Station Newport, Rhode Island, and exchanged signals with USRS Constellation and anchored. Until the end of March, Essex was inspected by the CO and she received 108 new apprentices on board.

For the first week of April, *Essex* conducted seamanship exercises and readied for sea, taking on board boiler water from tug *Aqueduct/Aquiduck*, and repeatedly asked permission of Constellation to do this or that; Constellation answered with '904' - 'yes'. Underway under steam on April 7, once offshore Essex's propellor was uncoupled and she went forward under sail. For the remainder of April, Essex continued at sea, and experienced rolling and pitching in rough seas and squalls through to April 23, while the crew and apprentices conducted numerous drills. Several steamers and sailing vessels were sighted and noted in the log.

During the first 10 days in May, Essex headed toward England, spotting several steamers, sailing ships, and fishing boats along the way; three of them were the German steamer *Munchen*, a Hamburg Line steamer, and the Wilson Line steamer *Michigan* on May 3 and 4. On May 9, the ship passed a wrecked steamer on Lizard Point, England, and by the end of the day, sighted Eddystone Lighthouse. On May 10, Essex stood in the entrance to the Solent Channel, and anchored in Southampton Harbor and received a visit from an HMS *Medea* officer. Between May 10-18, the *Essex*, *Medea*, the mayor of Southampton, and the US Consul exchanged repeated visits, and

<sup>&</sup>lt;sup>1</sup>USS New York was under the command of Captain Winfield Scott Schley, the first Commander of USS Essex in 1876.

Essex fired a salute to the Consul. Twice Essex dressed with the English ensign at the fore, once with a 13-gun salute for *Medea* and the other combined with a National Salute of 21 guns in honor of Queen Victoria's birthday on May 18 and 20. On May 25, Essex up-anchored and stood into the Solent River, passed the Warner Lightship, and into the English Channel. The ship arrived at Le Havre, France the next day, and on May 27-30, visits were given to the Mayor, Sons Prefect, the Commissioner of Marine, Captain of the Port, and the Commandant of the French Army Post.

On June 1, the Compagnie Générale Transatlantique steamer SS La Normandie arrived at Le Havre and the Essex's muster revealed numerous men AWOL; offers of reward for their return were sent to the US Consul. For the next 12 days, the apprentices and crew conducted weapons drills, sail handling, and daily chores. During preparations for leaving port, a malfunction of Essex's steam chest prevented their departure for 3 days. The busy port was described, the movements of 18 steamers, 1 barkentine, the CGT French steamer SS La Bretagne, and the Russian barque Europa, were noted. Europa fouled in Essex's head booms while shifting her berth; it did not impede Essex's departure on June 12. For the next 11 days, Essex passing several steamers and sailing vessels, while the apprentices and crew conducted weapons drills, practiced signals and compass reading, and did gymnastics exercises. The ship entered the Tagus River on June 23, with the Portuguese flag at the main and a 21-gun salute that was returned. Courtesy visits were exchanged with the Danish warship Dagmar, Portuguese Flagship Vasco da Gama, US Minister, the US Consul of Lisbon, Portuguese Naval Forces afloat, and the Commandant of the Naval Arsenal over the next few days. For the remainder of June, the crew and apprentices held weapons practice, sail handling, and a 15-gun salute was fired for the US Minister.

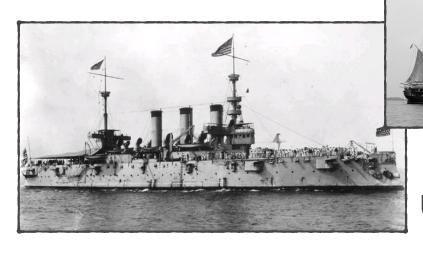
The beginning of July, Essex offered a reward for 2 AWOL crewmen, the apprentices conducted crossing light yards drills, and a Summary Court Martial was held. The ship left port under steam on July 3 and switched to sails once out of the Tagus River. On the 4th of July, Essex fired a 21-gun salute in honor of American Independence and the crew had a leisure day playing sports. On July 9, Essex steamed into Funchal, Madeira and fired a salute that was answered from shore, exchanged numbers and visits with USTS Monongahela, visits were exchanged with the US Consul and a Portuguese gunboat. Essex also towed Monongahela to her new berth following a request from the other training ship. For most of July, Essex, her crew, and her apprentices conducted exercises and received visitors - including the Military Governor of Madeira - and the log chronicled the comings and goings of many ships. The vessels mentioned include the Portuguese steamer Finchal, English steamers Obideuse, Pembroke Castle, and Norman, and German steamer Asuncion, along with a Peruvian steamer, hermaphrodite brig, English steamer, and a British mail steamer. USS Essex left Funchal on July 29 under steam, and then switched to sails. For the last 2 days of the month, the apprentices exercised at great guns, pistols, infantry, and single sticks, along with fire quarters and the abandoned ship procedures.

### Tags:

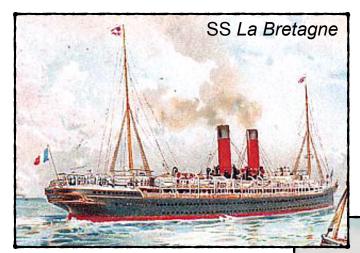
sloop-of-war USS *Essex*, USS *New York*, USRS *Vermont*, USS *Columbia*, USS *Cincinnati*, USS *Katahdin*, USS *Maine*, USS *Montgomery*, USRS *Franklin*, sloop-of-war USS *Constellation*, tug *Aqueduct/Aquiduck*, German steamer *Munchen*, Wilson Line steamer *Michigan*, HMS *Medea*, Compagnie Générale Transatlantique steamer SS *La Normandie* and SS *La Bretagne*, Russian barque *Europa*, Danish warship *Dagmar*, Portuguese Flagship *Vasco da Gama*, USTS *Monongahela*, Portuguese steamer *Finchal*, English steamer *Obideuse*, English steamer *Pembroke Castle*, English steamer *Norman*, German steamer *Asuncion*, Madeira, New York Navy Yard, apprentice training, ship drills, ship maintenance, Lisbon, Portugal, Eddystone Light





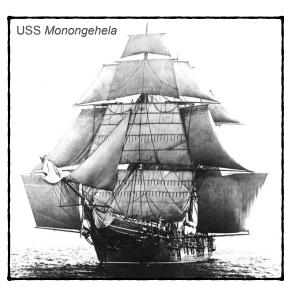


USS New York

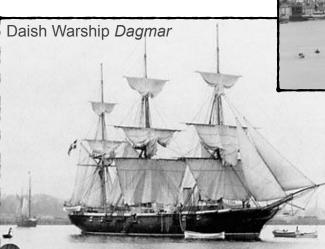


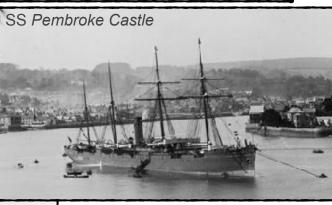
SS La Normandie





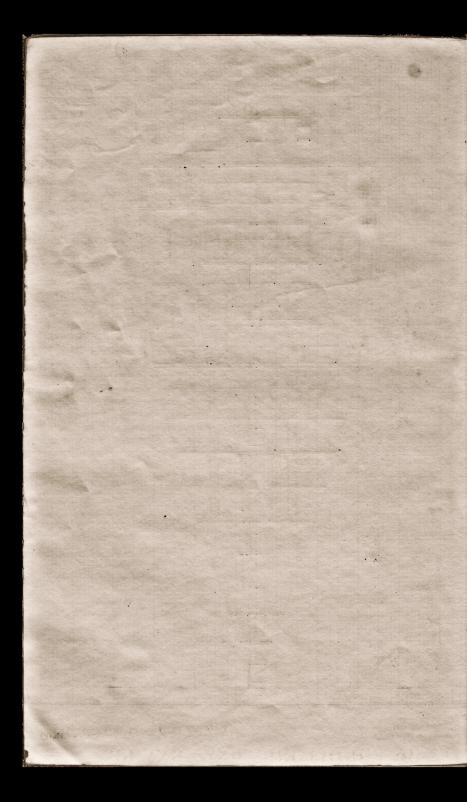






USS Maine





# LOG BOOK

OF THE
The oppose
u.s.s Fissex
Third Rate,
of Six Guns,
COMMANDED BY
COMMANDED BY
Edward Tolong, Comdr. U. S. Navy,
Attached to Frammo Squadron,
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Commencing February 1st, 1896,
at Annapolis Mid ,
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BUREAU OF EQUIPMENT NAVY DEPARTMENT. 1891.

LIST OF OFFICERS "Esse 34 Coty, commanded by Attached to and on board of the U. S. S. Colevard 9. Hong mmauded, U. S. N., during the period covered by this Log-Book, from February 1 1 , 1896, to July 3/ 1, 1896. Trang Edward . Osmmands ! Vised Jedgist M. Seux maridas Live Morgal or Giran John H. Loudenand Sty Whitt Elery Villiam & Litus Enail & Sada Tesdale Agland D. Chisign M Kour Jake Meign, Obighue Charles & Chief & Majures Queay Martin M. assisted aymaster P.a. Surgeon By masters Clerk. Us Mary. 8. Waldenaw William O Scintenant and Exercition Hubbard John Lieutenant and Gargetor Galt RIK. Chief Engineer Potte Stacy assistant Paymaster Pay bleck. Bier, Harry E. Early John

Examined and found to be correct

Rose A. Hall Lieuteway & J. M. Navigator.

### LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U.S. S commanded by Clarat I fling (Ormands, U. S. N., during the period covered by this , 1896, to Kely 3/3/ , 1896 . Log-Book, from february 1 TIME OF OCCURRENCE AND PARTICULARS. Leutenant Commander ON ise Prederick On. Detached February 18. Granted two months learn Hubbard John Halighurst Comed J. Leiteward Drausfund from Margeter Det 18 to Executive Officer Chief Eugmen Detacked February 18. Ordered to the W. J. & Denor Detached March 24 Ordered home to cettle accounts approximate with Crancay Greatin, On. assistant Paymaster, Pay Clux. Oraldman, Obilliam & Carly John Pay Clerk. Transferred to Charal Hospital, Brooklyn, Oh y May 23. 1896

Examined and found to be correct.

Ruge Alfalt Leutenant 2 9 M. Navigation

NUMBER ALLOWED.		RATES.		NUMBER ON BOARD.	NUMBER ALLOWED.		RATES	NUMBER ON BOARD.	
- 1		Chief Master-at-Arms	3		1		Apothecaries		
/		Master-at-Arms, first-class	-				Equipment	1/	
		Master-at-Arms, second class			. 3	3	Yeomen Engineers		4
* -		Master at-Arms, third class Chief Boatswain's Mate			#2	ANCH	Writers, first class		
2		Boatswains' Mates, first class		<b>\$</b> .		L BR	Writers, second class		
7		Boatswains' Mates, second class.			* + 1	ROLA	Writers, third class		
6	3	Coxswains			1	as a	Buglers, or apprentices for		100
1		Chief Gunner's Mate			/		Baymen	,	
1,	NOH.	Gunners' Mates, first class					Total	1000	100
1	BRA	Gunners' Mates, second class			1		Cabin Steward		-
1	MAN	Chief Quartermaster			1	100	Cabin Cook		
1	. 3	Quartermasters, first class			0		Mess Attendant		
1		Quartermasters, second class			1		Wardroom Steward		
- 4		Quartermasters, third class			1,	1 8	Wardroom Cook		-
-		Seamen Gunners			6	10	Mess Attendants		
1		Ordinary Seamen				KCH.	Steerage Steward	1	134
		Apprentices				BRA	Mess Attendants		-
- # 9		Landsmen				MEN	Warrant Officer's Steward		
- 8		Total				MPSS	Warrant Officer's Cook		
			130				Mess Attendant		10
1		Chief Carpenter's Mate					Ship's Cooks, first class		
		Carpenters' Mates, first class					Ship's Cooks, second class Ship's Cooks, third class		1
i	H.	Carpenters' Mates, second class  Carpenters' Mates, third class		-	,		Ship's Cooks, fourth class	+	
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12		Chief Machinists							H
,	JR.	Machinists, first class							
1	PORC	Boilermakers							
/	коо	Blacksmiths					DDITIONAL FOR FLAGSHIP.		
- 4	N. H.	Coppersmiths				200			
1	ENGI	Water Tenders				Mas	ster of the Band,		
,	110	Machinists, second class		,		Chi	ef Musician,		
1	BRAN	Firemen, first class				Fire	st-class Musicians,		-
1	OKR	Firemen, second class				Sec	ond-class Musicians,		
4	RTD	Coal Passers.					nter,		
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The second		4-235		,			Deutewant Ch. J. V.	Navigator.	

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COM- PARISON.	COMPARED WITH-	ERROR.
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NEROID BAROMETER.	No Makeo Kame Good Market Hording W.N.		Frevard Win Bushen	Debruay 6	Strudard Kroy Yard New York	0'.23 hij3
HERMOMETER, (Dry Bulb.)	Vary & Geen	6191	Fourand ( Bukheak Unter Office	Su 5th.	Sandard Laston Porlugal	i. or Low
HERMOMETER, (Wet Bulb.) (Psychrometer.)	Henry J. Rein	6198	Touvail Buthers Witers Office	1893	Stoudard Liston	1 13/41

Of the U.S.S

### ARMAMENT Sen Thin Rate.

#### PRIMARY.

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BOAT ARMAMENT.

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SMALL ARMS.

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Examined and found to be correct.

Royal Healt Lieutewant Dr. & M. Navigato

### TABLES of Deviation of the Standard Compass No. //6 2 on board the U.S.S Cosex.

DATE:	Jane 12. 1896					
PLACE OF ORSERVATION:	afeea					
LATITUDE:	49: 47' A.					
LONGITUDE:	1203.94.					
OBSERVED VARIATION:	15:37'08"04.					
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SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
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N. E.	3:39'					
N. E. by E.	3-51'					
E. N. E.	4:04'					
E. by N.	3:40'					
EAST.	3-17'					
E, by S.	2:38'					
E. S. E.	12-69'					
S. E. by E.	1-20'					
S. E. by E.	0:41'					
S. E. by S.	0-17'					
S. S. E.	0 - 07'					
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SOUTH.	0:43'					
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S. W. by S.	1-26					
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8. W. by W.	1-46'					
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W. by S.	1:46					
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W. by N.	2:27					
W. N. W.	2:09			-		
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N. W. by N.	0-55'					
N. N. W.	0:13'					
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Examined and found to be correct.

Roy Deviter and Di & Dr. Navigator.

LOG of the United States This Essel 34 Rate, Moored to Moore academy What, Amapohis M.S.

			Reading		WIND			/	BAROMETE	R. T	EMF	PERAT	URE.		Forms of	of Clear in 10ths.	e Sea
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					8111	0-1			29.984	3	40	39		oba	. "	U	
					Colin	0			29.96 4	13.	41	41		oct		0	
						0			29.93 H	ut,	42	41		. 0		0	1
					11/20	0-1			29.92 4.	1.	42	41				0	1
n.					Calur	0			29.90 4					1 Em		0	1

			termina common	-		and section in the section is a section in the section in the section in the section is a section in the sectio	-	-
					tenths.			
Course and distance	made good since preceding noon by observations,		knots,		tentus.			
	Latitude by D. R.		0	,	"			
	Longitude by D. R.		0	,	"			
Position at Noon :	Latitude by observations of ⊙		0	,	"		•	
	Longitude by chronometer from Forenoon Observat	ions of ⊙	0	,	'11			
	Latitude by		0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
17	Latitude by		0		"			000
Position at 8 P. M.	Longitude by		. 0		"			
Current during the	time, knots tenths per hour, setting to	the						
(Error of the Compa	ss by Azimuth O observed at , ship's head		0	,				
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's he	ead	0			variation used,	0	-
(Error of the Compa	ss by Azimuth O observed at , ship's head		0					
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's he	ead	0	,		variation used,	0	
Water expended du	ring the preceding 24 hours,		3	00	gallons.			
Water	during the preceding 24 hours,		2:	200				-
Water remaining or	hand fit for use at Noon,		-	00				
Coal consumed dur	ng the preceding 24 hours,		/ tons,	1160	lbs.			
Coal remaining on	nand at Noon,	,	10 . 3	23	2"			

P. M.	0					P		
1	Wbys	WSW	1	29.86 49 49 49	ocm	frint	-0	
2			1	2983514949			0	
3		Why f	1	29.81 53 51 51	tem		1	
4		1821	1	29.79 47 45 45	tel		2	3
ā		Calin	0	39.76 47 45 45	,		1	1
6		,	0	29. 16 49 45 45			1	
;			0	29. 1941 45 45	oeff		0	
8			0	29.17 48 46 46		1	0	
9			0	19.96 48 46 45			0	
10			0	29.16 47 45 44	"		0	
11			0	29 76 47 45 44	Sep		1	
Mid.	,		0	2914 46 44 43			1	
Land of the second of the second			-		No. of Concession, Name of Street, or other Persons, Name of Street, or ot		ARL PROPERTY.	-

Teturday. PEbruary under the command of omnauar (!) , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Meduight is & a Mourant and cloudy. Cold rain after firet how. Dight & Gan. RADISALLE Elisign U.S. N. From + to 80 m Calm to light airs from Son free hauling to I we last horry larger out moming range Quirord up Pay Dipart mul, 105 the flesh brif, 105 the regulation and Fills head S. Luby, OM. From 8 QM to Meridian Weather overland clouse and foggy, Cleaning trivaires and of cratch, Calm Wight and from W. S. W. Baroner faciling. I Morel (apply class) cras returned with rag and hammer from the Paint Hospital at Norfolk WBW Gineley WS.V. Flom Mendian to 4. Tenerally overlast and cloudy Light WS W bs aux. Bysoming foggy towards End of soul che Howled in Skam launch.

Skrold out Mindely money (in feat) to the man Cerror on fond 2000
gallon of fresh wat from Moral Deading worder places. Filling today
ught flesh work. De Commonder, J. M. Wish Will help the Ship on you days Crave of absence. An Sisaale Elisign RNN. From it to 8 C.M. Weather orward cloudy and foggy, with facing howere of Missing law last how of work Calm. Barmer Steam. Fire weder toller for heating Ship. Wir White story From 8 PM to Willingth Denually overeast, cloudy, and foggy. Calm. mon Shining through cloude. RX Lind RASisaale Elisign W.M. Examined and found to be correct. John Hattard Navigator

LOG of the UNITED STATES Thip Essel
Moned to Reval academy What aumapolic

md 3. Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear 10ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds. by symbols.	Prop of (	StateoftheSe
M.				why 8	Calm	0			29.14	46	HH	43		oef.	Q Mint	-0	
2					NW	1	4		29.14	46	43	43		,		0	
3						2			29.10						*	0	
						2			29.18	45	42	41			4	0	
5					•	2.4			29.15	41	45	41		beng		1	
6						2.5			29.16	49	46	45	-	,		1	
7						3			29.19	49	41	45		tem		2	
8						3			29.83	48	46	44		teg	· /-	2	1
9					NNW	34			29.88	48	41	43		,	Oun	3	
0					,	3-4			29.89	50	41	43				2	
1						4-5			29.91	119	54	46				3	1
on.					4	4			29.91	50	51	49				2	1

Course and distance	e made good since preceding noon by observations,	knots,	tenths.			
	(Latitude by D. R.	•	, ,,			
	Longitude by D. R.	0	, "			
Position at Noon:	Latitude by observations of ①	•	, "			
	Longitude by chronometer from Forenoon Observations of	60	, ,"			
	( Latitude by	0	, ,,			
Position at 8 A. M.	Longitude by	0	, "			
		0	, ,			
Position at 8 P. M.	Longitude by	0	, "			
Current during the						
	ass by Azimuth O observed at , ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0		variation used,	0	,
	ass by Azimuth ⊙ observed at , ship's head	0				
	ompass by Azimuth O observed at , ship's head	0.	,	variation used,	0	,
	ring the preceding 24 hours,		Hoo gallons.			
Water	during the preceding 24 hours,					
	n hand fit for use at Noon,	7.6	480 lbs.			
		/ tone	480 the			
	ing the preceding 24 hours,	69	11.524			
Coal remaining on	hand at Noon,	- / "/	/ "			

P. M.							0		
1	WSW	CANN	3-4	29.90 50	5149	o eg	Frat	0	1
2			3-5	2990 49	41 42			0	
3			4	29.89.49	41 42	10e		0	
4			3	29.89 49	94141			0	4
5			3	29.90 44	144 40			0	4
6		AW	1-2	29.91 46	43 40	te		2	
7			1	29.90 46	42 40	oe-		0	8
8			/	29.9046	12 40			0	
9		halm	0	29.90 46	12 40			0	
10		4	1	29.89 46	12 40	6 ed	au Vint	0	1
11			1	299,45	+3 42	oe		0	
Mid.			0	29.91 45	1241	och		0	
				1.22		/			
						-	THE PERSON NAMED IN	-	-

under the command of Monauder ( ) . Storing. Sunday, February 2 7% , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communes Ped Mulil, Ham Domas Cloudy and forgy Calines to light V Why huge assing baronne of all Eur of Selver Rows. Im " name WS). from H to 8 a. M. Weather cloudy Light to Stiff freeze in Squally from N. W. Barometer living. The following perturbing the glass, our confined on the quester deck for our of Commanding Office.

On Many lines water for survey of Specycontor W. P. Barrier Medlick.

H. Millips J. Milan Re Washing to suffer Science with Suite.

Revivord in Department of supplies and Becount 185 th Ferry 105 th regulation.

and 8 to the break. WB whitelery RSN. Jim & W. M. 18 Mendian Cool Guille & Stiff Perge in square from A. P. W. at 9.30 han gigited for impedien then called all lands to mind of less which of the Store and marked to the Store and marked the Store and marked the Store from and marked the Start of the May from anding officer attent from an function of the south of the Jone of Class of the Janes (Bm 2 class) and the faces are confusioned in the start of the faces for the start advant of the faces of the start of the start advant of the start of the From 8 am to Meridian RA. Elisadale Elisign W.N. Flom Menden to 4 P.M. Square from N.N.W. Darmity healy steady. By order of Commanding of Munder of Commanding of Mader ax and fill there is the steady of Mader ax and fill the steady of Mader ax and fill the surface of legens. Sim Hamee N. From A. W. Ornas and cloudy Gent la N 10 4 Garges to light airs from N.W. RA Sichaly Eusign D.S. T. Storn & PM to Midnight Overach Que Cloudy, light driggling sain. Calle.
Besting Farameter.

L. To Name John Harboard Margaron

LOG of the UNITED STATES

m. . X. N. alla

Ship Essel

1	Reading						BAROME		A LVICES	BRAI	ORES.			55	00
Tenths	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
		70 070	0					1	. /.	20			V .		
		0.3.00.	Calu	0			19.91	45	30	34		o, eu	Tunt	1	
			016.	1									"		
				1									*		
			•	2-3										0	100
				1			29.81	41	38	37				0	
		4		1			19.19.	38	36	35				0	
				1			1980	380	33.	32	-			0	
				1			19.19.	31	33	32		9.0		0	
				2			29.80	38	33	33		Market Barrier			
			16	2			1							0	
			3,0	1										0	ı
			•		700							THE REAL PROPERTY.			i
				Ell E.		2.8 	**************************************	29.88 29.84 19.84 19.19 19.19 19.79 19.79 19.79 19.79 19.79 19.79	29.88.42 29.84.41. 19.84.41. 19.84.33. 19.80.33. 19.80.35. 29.80.36. 20.80. 20	29,88 475 8 29,81 415 8 29,81 415 8 29,81 415 8 29,81 415 8 29,83 85 85 29,80 36 35 29,80 36 35 29,80 36 35 29,80 36 35 29,80 36 35	29.88 47.83 839 29.81 41.38 839 29.81 41.38 835 29.81 41.38 835 29.82 49.38 83.33 29.82 49.83 83.33 29.82 49.83 83.33 29.83 83.33 29.83 83.33 29.83 83.33 29.83 83.33 29.83 83.33 33.49.83 83.33	29,88,453,837 29,84,41,38,37 29,81,41,38,37 29,81,41,38,37 29,83,33,33 29,83,33,33 29,83,33,33 29,83,33,33 29,83,33,33 29,83,33,33 29,83,33,33 29,83,33,33	29,88 4 23,83	1 29.88 4 23.839 29.84 4 138 37 29.81 4 138 37 29.83 8 35 35 29.80 38 35 35 29.80 38 35 35 29.80 38 35 35 29.80 36 35 35 3 29.80 36 35 35	1

Course and distance	e made good since preceding noon by	observations,	knots,	tenths.			
	Latitude by D. R.		0 ,	"			
	Longitude by D. R.	,		"			
Position at Noon:	Latitude by observations of O		o ,	"			
	Longitude by chronometer from Fo	renoon Observations of O	0 /	"			
	( Latitude by		0 ,	"			
Position at 8 A. M.	Longitude by		. ,	"			
	( Latitude by		0 ,	"			
Position at 8 P. M.	Longitude by		0 1	"			
Current during the		r hour, setting to the					
	ass by Azimuth O observed at	, ship's head	0 ,	4			
1	ompass by Azimuth O observed at	, ship's head	0 ,		variation used,	0	,
	ass by Azimuth O observed at	, ship's head	· · ·				
1	ompass by Azimuth O observed at	, ship's head	0 ,		variation used,	0	,
	aring the preceding 24 hours,	, amp a nead	50	o gallons.			
Water expended do	during the preceding	. Laure		"			
		24 nours,	210	0 "			
	n hand fit for use at Noon,		1 20	1011-			
	ing the preceding 24 hours,		67 19	82"			
Coal remaining on	hand at Noon,		-/ " //				

									-
P. M.									
1	WSW	4.1.8	3	29.15-35-3	2 32	oep	fun	0	
2	4		3	29.71 36 3	3 33			0	
3			3	30.70 36 3.	3 32			0	-
4			3	29. 10 36 3	332	oem		0	
5	7		3	29.10 35 3	232	oemd		0	
6			3-4	29 10 35 3	232			0	
7			3	29.11363	232		4	0	
8			2	29. 12 31 3	3 33		4	0	
9		18	2	29.13 31 3	3 33			0	
10	,		1-2	29.12373				0	
11	,		1.	29 12 31 3.	3 33	ochsu	- %	0	
Mid.	,,		12	29 12 31 3.	3 33	0.03			
					California	-	-	-	-

under the command of Monaudor O. Strong Monday, February , U. S. Navy, , 1896 . Meducally to Haim Orneas cloudy raining Calm and light airs to guilter burge from E. N. E. Barmet applienten, Lever ruand ash. from to 8 UM. Oderack and Chang, Clary pain first three hours Color weather dight and gentler three form of the formand in the property fresh for issue to come following fresh formanding of feel the sex states as the bear. If on the Master at Corner Change. Where of Selection (In m. class) from the Master at Corner Change. Placed on the guarter seek on the guarter seek and the guarter seek on the Banist 2.6, mellow. Of Sisdale Ousign W.S.N. Me by burge. Barned of fally a Cloudy and sawy light to grille Me by burge. Barned fally a Chiesa appending of gymnadies we produce and my symmanium. Themere C. G. mand M. Oudream Bin's down teticined from trave I. m " nemer A.V. Flom Meridian to 4 Pm Baumuter falling them steam, Superied bags of Opplement Suitenan A.N. Moduate trees from 1. 1. Branner freally strady at 6 gelach lettered from Confinement an quality dues leppendiers confined in morning worth. Im rame Lim & P.M. to Midright Cloudy Cool in misty facing hail Showner, Light aim to light burge from N. E. Barometer Strady Myour. Loux Enant DXN. Examined and found to be correct. John Hert fart Sarigator

LOG of the UNITED STATES Ship Elser "Rate, Mirred to Mirred academy What, Imaprino mes.

419						1		1	,		/				No. SA	73,000	100	
		1	Reading		WIND			-	BAROME	ETER.	TEM	PERAT	TURE.			Hear Other	e Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea	
A. M.				WSW	46	1-0			29.15	31	33	33		ochm	Nin	0		
2				,		1-0			29.15	37	33	33		,		0		
3						1-0			29.15	31	34	34				0		
4					10	0-2			29.16	37	34	34		4	4	0		
5					Calur	0			29.14	31	33	32		oedm	Mult	0		
6					, "	0			29.14	37	33	33			"	0		
7						0			29.15	38	34	33		oem		0		
8					NNE	6-1			29.16	31	33	32		"		0		
9						0-1			29.16	37	33	32				0		
10					& Elect	0-1			2911					4		0		
11					. ,	1			39.11							0		
Noon.						1			39.11	40	35	35				0		-

Course and distance	e made good since preceding noon b	y observations,	knots,	tenths.		
	(Latitude by D. R.		0 /	"		
	Longitude by D. R.		0 /	"		
Position at Noon:	Latitude by observations of O		0 1	"		
	Longitude by chronometer from F	orenoon Observations of O	0 1	"		
	( Latitude by		0 ,	"		
Position at 8 A. M.	Longitude by			"		
	(Latitude by		0 ,	"		
Position at 8 P. M.	Longitude by		0 ,	"		
Current during the	time. knots tenths pe	er hour, setting to the				
	ss by Azimuth O observed at	, ship's head	.0 /			
1	mpass by Azimuth O observed at	, ship's head	0 '		variation used,	0
	ss by Azimuth O observed at	, ship's head	0 ,			
1	ompass by Azimuth O observed at	, ship's head	0 ,		variation used,	0
	ring the preceding 24 hours,		40	gallons.		
Water	during the preceding	r 24 hours	130	0 "		
	hand fit for use at Noon,	, 14 1101119,	300	) "		
	ing the preceding 24 hours,		/ tons, A			
Coal remaining on h			66 15			
com remaining on i						

P. M.		0								Muit.		
1	welw	SEbys	1		79.75	41	36	36	rem	Cur	-0	
2	,		0-1		29 14	4/2	31	37			0	
3			1		29. 14	42	37	37			0	
4		1	1		29.71	41	37	37			0	
5		VE	1-2		29 75	10	37	37		"	0	
6			1		29.15	39	37	37		",	0	
7			1		29.11	40	38	38	,	"	0	
8			1		29.17	41	38	37		,	0	
9			1		29.80	41	37	36		"	0	
10		4	1		29.81	41	36	35		"	0	
11			1		10 00	40	36	36	ded	Thin	0	
Mid.		,,	1		29.81	40	36	36	oedir			
					1.							
The second second		The second name of the second na	-	THE PERSON NAMED IN					THE R. P. LEWIS CO., LANSING, MICH.		-	ASSESSED FOR STREET

rymander (.) I. Hing , U. S. Navy, Tursday, February 4th 1 , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Mordinght to Ha M. Dones with mix and passing thorons. The buby DSN. Sim to 8 a. m. Ornack Cloudy and Orld Light dry hing lain first kard. Baronika Jusing Rainville in Separational of Application of Just provisions as follows to 14th Ving 16 14th org Varia, 85 lb. Read. I. m. namer ONN. Flom 8 PM to Meriday foreact Clouds and misty . alen and light airs from MA France Etyps Bermit Strang at 930 mistered for question Strang at 930 mistered for question Strang from application to Miral Reading gym Kasuum for El Elase. Mordan Beix Eccaux HM. Sim Mondian to & P.M. Drucas and mety Clin to light aire from Man & Sure Coding and Small Stores to appointure By rate of the Commanding Offices placed & Mann appost class, sunday behaves of master at John to await section for producing refusing to order of me Superior Officer, Register 1300 yallow, freely evals. Applied if thousand found them in working order. The Subset B, Lindy From to & P.M. veryand clouds, and misty. Light air to hight bruge from S. E by S. To S. C. Baroneter rising. Jordanaid DSM. Right air from S.E. Drucas and misty with dry ling rain last harf. J. T. Luby, Der Den Del. Examined and found to be correct. John Mutter bank Navigator

LOG of the UNITED STATES Ship Else The Rate, More to Morel Cleadening What Receiped in My

					1		1	_	-,	4				+/	A STORY	9630	100
			Reading		WIND.		1		BAROMI	STER.	TEM	PERAT	TURE.	Et line	V	Clear Oths.	o Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe Sea
A. M. 1				wsw	Calen	0			29.82	40	37	37		o Crom	Kun	70	
2				0.	,	0			29.84	40	36	36			4	0	
3						0			29.84	46	36	36			4	0	
4					"	0			29:85	40	36	36			4	0	
5					"	0			29.85	40		36		dem		0	
6					,	0			39.86	40	37	36	1	"		0	
1					18	6-1			\$9.87	40	36	35		och		0	,
8						0-1			29.80	40	36	36				0	
9					Calm	0			29. 89	41	36	36			,	0	
10						0			29.90	42	36	36				0	
11					81:8	0-1			29.91	41	37	37				0	
Noon.					East	1-2			29.90	42	37	37		,		0	

Course and distant	ce made good since preceding noon by observations,	knots,	tenths.		
	Latitude by D. R.	0 ,	"		
	Longitude by D. R.		"		
Position at Noon:	Latitude by observations of O	0 '	"		
	Longitude by chronometer from Forenoon Observations of O	0 ,	"		
	( Latitude by		"		
Position at 8 A. M.	Latitude by Longitude by	0 ,	"		
	( Latitude by		"		
Position at 8 P. M.	Longitude by	0 ,	"		-
Current during the	e time, knots tenths per hour, setting to the				
(Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	. 0 ,		variation used,	
(Error of the Comp	ass by Azimuth © observed at , ship's head	0 ,			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,		variation used,	
Water expended d	uring the preceding 24 hours,	60	gallons.		
Water	during the preceding 24 hours,	60	· o		
Water remaining of	on hand fit for use at Noon,	300	00 "		
Coal consumed dur	ring the preceding 24 hours,	1 tons, 20	95 lbs.		
Coal remaining on	hand at Noon.	6+ 4160	1 "		

							1
P. M.	0.0			,	Run		4
1. 20820	East	7	29.89 423731	oct.	Stint	-0	4
2	East	7-3	29.85 42 37 37	.0		0	
3		3-4	29.84 42 38 38	ocm		0	1
4	846	3	29.84423838			0	
5	*	3	39.84423838			0	1
6 · V		3	29.81423731	4		0	
T The second sec		3	29.82403736		0.e.m	0	1
8		3	29 82 40 37 36			0	
9		3	29.824,37 39	semp	Kunt	0	4
10	4	3-5	29. 16 41 37 39	ocyfom	4	0	1
11		3.5	39. 13 41 37 31	regim		0	
Mid.		4.5	29.68 41 37 31			0	

under the command of Ommander ( ) Iting! WEdnesday, February 5th U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Carmeter living files under soiler a fortheating the. Grid Euran W.M. Sum to 8 UM. Boudy and moty for last part of watch.
Calm and light NEX and Bargained using at 600 stated fur four tribus to and in Stanton fur form the Each fuch that are regulations and recent with the Each fuch that are regulative and 8 lb bread.

Just from Justine and 8 lb bread. Larux Euril XXM. From 8 a A Oto Madrau Courty and forgay love to light there from A dray Ex. Made preparations for the 1889 30 mustrus and mappeter accorded a granter of Makeny (orly) about which there, Outled companies on the Server of Companies of of Compa B. Lufy Evant DNN. buyer from 61.6 to last. Baronets failing By broth of Commanding Office I make a prisoned at large awarding Conficebured. Revolved in Equipment Department, 600 gallows freed works. Cherry tauper in briles Oba D. Low Enail DAN. Flow & to & P.M. Orenas and misty Swells Grage from E. N. E. Sent Library farty of new and boys on show to when at 119.16 3. Lufy Eunix ROST. Wis Whiteless DSN Examined and found to be correct. John Hubband Dell. Navigation

LOG of the UNITED STATES Ship Essel Mooned to Moved academy What amapatis Mo

Rate,

					1	-	-	-		-	-				-	The same
			Reading		/wind.	0			BAROMETE	R. TE			State of	Forms of	Clear Oths.	le Sea
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height Th	Air, Dry	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSea
A. M.				www	818	3-5			29.62 11	1,3	931		o e go	Vinet	0	
2				0.		3-4			29.56 4	13	131		1		0	
3						4-6			29.51 4		131	1	"	"	0	
4				,,	, ,	5-7			29.424	1130	937		4	4	0	
5					816	41			29.214	6 4	5 44	1		4	0	
6					0.	4-1			29.224	9 4	8 47	1		,	0	
-						46			29.22 4	9 4	8 47	1	oov		0	
8					Ely S.	3-5			29.214	9 4	8 47	1	,	,	0	
9					90.	4.5			28985		050			6	0	
10					SSW.	3-2			28.935		0 50		oct.	4	0	
11					Shy E	1			28.845				octob	4	0	1
Noon.					SO	4-6			28.185.				oeg pm	4	0	
					-,00.							1	11			

	Course and distance	e made good since preceding noon by	observations,	knots,	tenths.			1
		Latitude by D. R.		0	, "			
		Longitude by D. R.		0	, "			
	Position at Noon:	Latitude by observations of ①		0	. "			
		Longitude by chronometer from Fo	renoon Observations of ⊙	•	, ,			
		( Latitude by		- 0	, "			
	Position at 8 A. M.	Latitude by Longitude by		0	, "			
		( Latitude by		. 0	, "			
	Position at 8 P. M.	Longitude by		0	, "			
	Current during the	time, knots tenths pe	r hour, setting to the					
(	Error of the Compa	ass by Azimuth O observed at	, ship's head	•	,			
1	Deviation of the Co	ompass by Azimuth O observed at	, ship's head	·		variation used,	0	,
(	Error of the Compa	iss by Azimuth O observed at	, ship's head	. 0	,			
1	Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	0	
,	Water expended du	ring the preceding 24 hours,		40.	gallons.			
,	Water	during the preceding	24 hours,		"			
,	Water remaining or	n hand fit for use at Noon,		260 2 tons, 63	0 "			
(	Coal consumed duri	ing the preceding 24 hours,		2 tons, 6 2	bs.			
	Coal remaining on			62 " 1				

P. M.							0.		
1	WSW	SSW	2-6	28.72 00	52 52	fegpn	Kim	2	
2	4	Su	2-5	28.68 55	54 54			1	
3		wsw	2-5	28.6952	5/51	oegpn		0	
4		West	2.1	28.13 41	45 44			0	1
5			3-5	28.8046	44 44	regi		0	
6			3-5	28.8246	44 42	ocg		0	
7			49	28.93 46	45 42	beg		1	
8	,		5-9	28.96 46	45 42			6	
9			6.9	29.03 46	4541			5	
10			6-9	29.12 25			1	5	
11		W by N	7-11	29.18 44	43 39	. 4		1	
Mid.		1	111	29.23 44	43 39			3	
									-

under the command of Branch ( ) Strang.
Thursday, Fromany Coth U. S. Navy, . 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Moderight to it AM Overland cloudy and heavy rain Moderate to very fresh burger in Squalles from END Baromete, galling rapidly. RA. Viodale Busign W.N. From it to 8 a. M. Orneas an cloudy with heavy in facility to fresh first half. From ESE. I & by S. Daroneter feeling sapually first half. Lb, duty, Lexil Evenil DS. N. From 8 a m to Mendians Dang squally from 8 by having to for Saymet falling truy lapid-ly By order of Commencing Officer & Ourpent Date soft soft of Some ly By order of Confinement laying affect of the Marine Melos the soft select in soft superior of the order of the sound control of stage for lefting to oray the ones of Lupenor office. WBWhitelory DSN. Yearn Mordian to 4 P.M. Jem Morchan to A My generally openes and cloudy, Mustering weather Resing sain showers wight to Stiff trest in squalle from Soft to West Summer falling within 24 the during 1868 them saying want found to bette for all quarter of 868 them morning can be two firms as heart summer to what summer for the way weather for the firms of by claim marke in preparation of heavy weather squared information of a claim water of preparation of the about coast. Coming up the atlantic Coast. RA Indale Busign KN.N. From & to 80M Weath sources cloudy and saving light to Stiff beings in squalle from West Offering giving fath part of watch longh which increased to Strong gale in suffer Daymer, wang file Strakes rely was to save and by now of Ormanding Offer was placed in single work Safe keeping to anow trial by order marked, for learning his bellink permission. Willhinday Destrució MOS/1. Jan 8 PM to Mednight frequent squelle from West and Why N. Darmit's unearing to heavy gale in John Huffer all. Navigation Examined and found to be correct.

LOG of the UNITED STATES Ship Esil 32 Rate,

1					//	-	/		11		-						-
	1	-	Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Ballb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				wfw	WhyN	111			29.29	Hot	44	40		fogs.	Que	4	
2				0.		1-10			29.35	Not	Hot	40		,		-8	
3						1-9			29.39	44	HH	40		4		9	
					WAW	5-8			29.44	44	44	40				9	
5						4-8			29.51	AH	43	37		4	aun	9	
6						4-1			29.55	42	+1	31		4		9	
7						3-6			29. be	Hr	41	31			Gum	-4	
8						3-4			29.63							8	
9					Why N.	3-11			29.64	14	44	39				1	
10				. ,	whu	46			29.65	45	45	40		tegm		6	
11	0	1	0.8	8 6 3/8/	4	4.6			39.68	45	44	39				5	
Noon.	7	9	10.5	16 3/8 f Jby 10 1/8 16	Why N	4-6			29. 10	44	44	40				5	
				,													

Course and distant	ce made good since preceding noon by observations,	knots,		tenths.			
	Latitude by D. R.	0	,	"			
	Longitude by D. R.	•	,	"			
Position at Noon:	Latitude by observations of ②	0	,	"			
	Longitude by chronometer from Forenoon Observations of O	0	,	"			
	( Latitude by	•	,	. "			
Position at 8 A. M.	Latitude by Longitude by	0	,	"			
	( Latitude by	0	,	"			
Position at 8 P. M.	Longitude by	•	,	"			
Current during the	e time, knots tenths per hour, setting to the						
(Error of the Comp	ass by Azimuth O observed at , ship's head	0	,				
Deviation of the C	ompass by Azimuth O observed at , ship's head	.0			variation used,	0	,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	. 0	,				
Deviation of the C	ompess by Azimuth ⊙ observed at , ship's head	0	,		variation used,	0	,
Water expended di	uring the preceding 24 hours,		500	gallons.			
Water Person	during the preceding 24 hours,		00	"			
Water remaining of	on hand fit for use at Noon,	26	200				
Coal consumed dur	ring the preceding 24 hours,	3 tons,	80	lbs.			
Coal remaining on	hand at Noon,	59 " 9	41	"			

			,	1			
P. M.	1	9 13. 4	1 3/4 20	Week	46	29.10 46 46 41	tegm lor lum 5
2	/	2 22. 1 2 40. 3 9 41. 2 3 46. 5 2 61. 1	1248	Whyf	4-6	29.11 41 41 42	
3	0	9 41. 2	1/28		4.6	29.14 48 48 42	. 6
4	50	2 5% 7	Voute	2. 02.	4-6	29. 45-49 49 43	. 1
5	24 74	1. 14 and	Jack	wsw	3-4	39. 77 48 48 43	tem. 6
7	9	2 80. 7	Soith	SW	3	29.89:46 45 43	. 1
8	1	6 87. 3	\$1270		3 .	29. 87. 41 45 43	
9	8	9 98. 8		"	3	29.90 45 44 42	
10	9	0 101.8		Sto Ly W	3	29,91 46 45 42	. 3
11	5	2 17. 2	186		3	29.93 46 45 42	0.0m , 0
Mid.		1 25.7	88 by 8		2	29.96 45 44 42	0
	0	2 25.9	East				

under the command of (Manauda (C) , U. S. Navy, fleday, reburary forth , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Manight to HAM. Poses and Coof, fresh freeze to heavy gaves in squalle first part of watch Steadily moderating to Stelf house to medically gales in Squalle from Wby N to WWW. Balmet neing. L. m " Name Cusign DSN. Hom 4 to 8 a.m. to a greath burge from 10 1.10, thround lead of which the dropping at 5.40 Stailed flew under tribus O and Jook off mornings and Maar preperations for leaving what. WBWhitelory Loss Hom 3 am to Merain, Lain Sac cool Moderate to flesh burger from Whit is buy 1 29 930 had quister for much 29 90 latted all lands and suf top galland mosts at 10.30 Called all lands and suf top galland mosts at 10.30 Called all lands and suf top galland mosts at 10.30 Called all lands and the con while presence out of liston all orre cat of the suffer from which from all orre cat of the of the cash busy March aleasen, Things (lange) sugar at 10.00 local absent by the fill to the formal aleasen, Things (lange) at 10.00 local absent by the Alles at 10.50 pages of Commending Office changed comments to the sugar to the most type of the formal to all 110 but fels much typing. Species we forward and 150 18 the formal typing to the formal and 150 the formal typing to the formal and the formal and the formal all the formal typing to the formal and the formal all the formal typing to the formal and the formal and the formal and the formal and the formal all the formal and the formal and the formal all the formal and the formal all the formal and the formal and the formal all the formal and the RA Sio dale Flor milleding to 4 P. M. G. Qua cook, moderate to fresh horge in squalle from West backing to 4 h f. Reining bornet Stewing throng Cheapeake Bay. Stilling critic. Navigator Comming the Ship Afr. it changed cover to Ship to pax log reading 12 to a 2 10 g changed cover to Shy & pax log 22 to 3. a 15 30 changed cover to Shy & pax log 22 to 3. a 15 30 changed cover to Shop & pax log 22 to 3. a 15 30 changed cover to Shop & pax log 40. 3. a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 changed cover to Shop & pax log 40. 3 a 15 30 a 15 Ousign DN.N. d. M. Mamer December to a Mile and cost, light has carned horan. Module to get to truck for, to I to I to.

Brunder teing thering, a course of war strain for raphology for, the source of Commanding Office made the following changes of course above of E at 1,15 of the E at 5.11 by to.

at 5.55 South at 11 of the at 5-1 St., w. at 1.5 Source observed light for a team same light the mouth Potomae Rice at 500 to the strain to the train team same after the stages of the Steph for St. W. Windows for the surface of the Steph for St. Windows for the surface of suxuaux WM. Tom 8 Pm to Medinglex Jet, main to places show there gower to be by the trace from SW + She by W. Medry Standing Jet, main to places space of Exposured by Westing Court by Wenter 10.00 then barious courses weder Meeting for A aft sheet, North for in and Short for A aft sheet, North show in A flew presences. John Suttant, Buttered Dir. Novigoton.

Ship Essel

Se Rate,

			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.	State of	Forms of	Clear 10ths.	Sea
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in I	State of the Se
. M.	18	8	21.1	East NE Ly E	Alyw	5-1			29.99					te	ann	5	0
2	1	2	42.9		it ElyN	3			30.00	45	44	41			tour	5	1
3	35	5	46. 3	1 E 3/4 N		3			30.02	44	43	40				1	
4	8	0	59.8			2			30.03	44	43	40				2	
5			68.7			2			30.05	- 44	42	39				3	
6	8	1	77. 4		1	2			30.01	44	42	39				V	
7	9	0	86.4			3			30.01							2	
8	9		95.1			3			30.06	1				, ,	Bunter	-1	
9	18	6	4.3		18	2			50.10					bem		1	-
10	4	20	13.3	NA E/48		1-1			50.12							1	-
11	9	6	27.9		Nout_	2-1			30.13							1	
on.	8	8	31.1		NE	2-1			30.01							1	

knots,	tenths.	
0		
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•	, "	
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	, "	
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.0	,	
0		variation used, o
o		
0	:	variation used, o
	600 gallons.	
	"	
. 2	000"	
46 " 13	337 "	
	, // tons,	

1			1									
	P. M.									0		
	1	9	2	10.9	NNE1/46	South	0-1	30.04 44 43 34	oem.	Kent	0	8
	2	9	3	50.2		Nobyw	2	30.0/41 40 36		"	0	"
	3	9	1	59.2		A w by N	23	30.02-414036			0	
1	4	43	5	59. 2	11/2 E 18 EyN		1	30.01414036	4	"	0	
1				17.4		416	1	29.99 43 40 31			0	
	6	9	7	87.1		ENE	1	\$0.00 42 40 37	vendh	. ,	0	
				96.6			1	29.98 41 39 37		,	0	
				5.9			1-2	29.96 41 39 37			0	
	9	9	2	15.1			2	29.93 40 38 26	oed		0	
	10	3	3	23.4			3	29.81393135			0	
	11	8	1	32.1		Each	5	29. 85-39 37 35	oen		0	-
	Mid.	8	1	40.8			4	29. 83 38 39 36	ochh		0	1
											1	

under the command of Commander ( ) I Strong U. S. Navy. aturday FEbruary 8 , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. muners to 4 am. Vestlers fan Light aus o moderate burger from NbyW. to NE by N. Burmits strong at 110 sighted Cake Charle light thip and log stand light. Changed court to NE by E. Tiesed at steam and several sailing vasely at 10 Clock high the war atram detail. 18 miles Changed court to 1 6 18 N. at and of valid Cog seland light coas atram when I hadre, part log agrating of 8. Sup under Steam along team pleasure 55, No Revolutions, Ad. 3, WBWhuldsey LIN. From H to 8 a.M. Stam alour Posers in Short for the byt. On Course NETEN (fe) wider, Stam alour Posers in Short as they early town close on post leant about so Sauding to ft after day light a hunter of Sailing resolo unshoured Standing though the Codes, Smooth fear average steam from the following Cooking Cooking Cooking the Standing the Codes, Smooth fear average steam from the formand the standing the codes. Flom & a m to Meridian.

Baronet facting last hour. On Court NE 1/8 N tel 1/10 when with 16 N.E.

Dead to Light recel abrum Changed Court to NA E/4 E pad log 5.5 Sight Ed a number of visels during watch bound up and down codes. Much fream alone, Werage Steam planne 55, Rordwhims 45. mo Homes Usign WWW. Glom M Gudian to A Coming out light airs to gentle there from South drying out and coming out light airs to gentle there from I'W & W & NW by N. Baromer's living them fathing. Sterring a course NN E'N E under Steam alone at 1500 Federick Shoot Light Ship four atraw. But Log 39 4 at 150 it four at four at 150 fed for the there are 1500 for fortune of the 150 it four at 300 mader First Fathon Bank at properties of the Early 1/4 E arison Changed Course to North Steam Parks and a Significant Course to North Steam Bank at the Steam of the Steam Bank at the Steam Will No Steam of the Steam of the Steam Will No Steam of the Steam II. This training W/r N dis Yank /r mile average It cam pressure 55. Roode Noon 463. Homet to 8 P.M. Oracus and moty, with May ling lain and haif Light was to light kings from NN & the Frank Through Church Noby Punder Steam alone to so at second Sulvi Light arran on pat have durant 12 miles It came presence 55. Restational by from 8W6 to East. Burneller falling and land sough and hail Leght to Shiff these from 8W6 to East. Burneller falling at 9 30 1 felling 38. 1 Survey at Statum 38 hints forward of part have fring ing Natrama I Ollots, par log legistering 38. 1 Survey thorna Stermand from a Stating real thornas Sterman of the Market for a from the affect the survey of the Market of the formation of the survey of Grut Eusux Ress. John Hystand DM. Savigator

LOG of the UNITED STATES

Ship Essel

3rd Rate,

			Reading	0 1	WIND.				BAROME	ETER.	TEM	PERAT	TURE.		Forms of	of Clear in 10ths.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 10	
М.			,	./ e.	Each	_					id	11			Com		-
1	8	8	19.6	1/26	caes	5			29.14	38	34	36		oen	Munt	0	H
2	#	0	57.6	A Ly &		5-6			29.74	38	0/	36				0	ı
3	4	1	63.2	Ei &		67			29.66	38	37	36				0	l
	5	. 0	23: 9	Eir.	Eby &	1.8			29.60	38	37	36				0	l
5	H	8	13.5	18		19			29.54	41	40	40				0	
6	4	-	18.0		1 .	1-9			29.41	13	42	42		regn		0	ı
			82.1			6-8			29.11							0	I
-	4	1	86.3		& Ely N	6-1			29.43	16/4	45	44		oegp		0	Ì
8	3	6		•	East	5-6						45		o eggs		0	+
9	3	8	80.3	6		-			29.39					. ,			
0	0	2	90: 8	East	ESE	4-5		-	29.38	48	48	48	117	cegg		0	ă
	3	3	94. 1	. 1	SSIO	4-6			39.35	46	46					4	A
on.	03	762	95. 8	Nor by N	WSW	1			29.30	46	45	145	1	o cam	"		

Course and distance	e made good since preceding noon by	y observations,	knots,		tenths.			
	(Latitude by D. R.		0	,	"			
	Longitude by D. R.		0	,	"			
Position at Noon:	Latitude by observations of O		0	,	"			
	Longitude by chronometer from Fe	orenoon Observations of ⊙	0	,	"			
	( Latitude by		0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
			0	,	"			
Position at 8 P. M.	Longitude by		0	,	"			
Current during the		er hour, setting to the						
	ass by Azimuth O observed at	, ship's head	,	,				
3	ompass by Azimuth O observed at	, ship's head		,		variation used,	0	,
	ss by Azimuth O observed at	, ship's head	o	,				
}	ompass by Azimuth © observed at	, ship's head		,		variation used,	0	,
	ring the preceding 24 hours,			50	gallons.			
Water	during the preceding	r 24 hours			"			
	hand fit for use at Noon,	, 14 1101113,		150	0 "			
	ing the preceding 24 hours,		/2 tons,	134	la lhs			
Coal remaining on l			33 " >					
Coar remaining on I	naire at Noon,							

P. M.									tim		
1	8	9	8.5	Nh by N	usw	6-8	29.28 43 43 42	o e	Gun	0	m
2	1	1	15.6	"	WEst	7-9	29.28 43 42 41			0	4
3	1	2	22.8			1-9	29.3439 3837	te	-	1	4
4	8	6	28.8			1-9	2937383736			1	
5	8			N 44 20	WAN	18	29.41383736	oemay		0	
6	36	3	45.6	NNW		1-8	29.42383736	bemy		3	
7				of ley w		19	29. 44 37 31 36			3	
8					20 Ex	18	29.45-37 3736		4	3	
9						77	29. 46 36 35 3N	beg	Eyun	1	
10				lo by f		6-8	29.48 35 34 32			1	
11						6-8	29.50 34 33 31			8	
Mid,				U Eak		6-8	29.51343330			8	
									TO S		

under the command of Ormander O. Stong. , U. S. Navy, Lunday, February 9th , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Midnight & & a. M. M. Miles Cloudy raine, & cold Stiff things granually and entrance of a gale from East and E by I. On Course N 15 E Changing as follows by order of Commanding Officer, Al 32 60 Nov E part 1943 at 250 to 8. M. E. full leggs, at 3.0 1/2 East feat log 63.9 th 3.0 to 5 part log 64.9 Took following to with the proper Madeius 55, 14 fallows flack specke, at 2.15 " fallows a surface of tack specke, at 2.15 " fallows a surface of tack specke, at 2.15 " fallows to 25 to 10 part and Surface at 15 to 10 part hand Surface to St. Barmets falling Smooth to Moderate Eactify Ea. Resionale From t to 8 W MO. Orecas Cloudy and square, with light friving for square DSN.
On Course S. E. water Steam alour. Just Perroe to Sing gales in Squaller from Ely fire by P. Baromite falling Sait down to popular masker got up and trust storm standards at 35 got recuding in 11 fallows, five julin found ways Hain pursue, 45 , Controllers 31. Ensign WSN. I. M. Mamer Firm of a Mo to Maising. Orners, Cloudy, foggy dissiling um Sliff bruge from Bail hauling to Edle May to for to and and uncereangle a very fresh bruge. Euromet falling to May a Court & Madry Steam alone. at for Changed Court to le all 12 + 6 West. at 1135 to WW by N. at 1200 set forward missing Skim Stuppede and Strom mozem. Sounding with Coasting Class in 228 25 factions bottom fillow and as Plantfeiche Winger serviction \$1.1, average Features. Maign USS Hom Meridian to APM Deux Euaux DSN. These twee to Ding gale from 4) I'V was West. Moderate Fea Attering course to Whyt. with I when changed to NAH W Sounded at 1 no todomatro fatherus, it is no totom at 11 faithm, at 3, 49 fatherno Sand Hack Spike u feur gragel at 1 18 fettomo Sand Black Spicks feur grant ud Hopen Shells Mith Standy fre Dom Stersail maze en Strom Hayall, at Som mazen formitions 47.5 Stand stessues 8. Med Barmet placing 21 4 30 Sept sed land aloud 5 Pounds on part in John Star in special part of the land aloud 5 Pounds on part from 28 50 sept sed the Copythan for the case danger come to 18 18 19 20 20 Clark septed by the land fight has part from an Aleberta to remain changed Court to 18 19 0. 20 The Chile State of the fight has and book of the Chemister of the control of the Thom # 6 8911 Lind Euged LAW. Thin & M. M. M. Meright. Char to Cloudles Old Flech high to indende gale in Squally from 10 Ext. Much Stew Um Standing in Men Cleaned New Jak Rechor in the Mackack Sunge and el stone & solohen personing the Judy for Machae Hand & Solohen personing the Judy for Machae and M John stubborn LIM. Meng

LOG of the UNITED STATES Ship Essel

But Rate,

					WIND.				BAROMI				TURE.			lear ths.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.				waro	www	6-8			29.52	32	32	30		beg	Co Cu	-8	
2				NulyN		6-8			19.55	32	32	30				8	
3				pro	WESK	5-7			29.57							8	
				WINW		6-8			29.59	31	30	28			"	8	
5				West	WhyN	6-8			29.61						auft	8	
6				Why f	WNW	6-8			29.64	32	31	29				8	
7				10	Milyw	5.1			29.10							1	
8				,		6-8			29.12							6	
9						6-8			29.72	34	34	32	-			6	
10					NW	6-8			29.11							6	
11						5-1			29.19	36	35	32				1	
Noon.						5-6			29.19	36	35	32	1			5	
				,		1			1000								

Course and distant	ce made good since preceding noon by observ	vations,	knots,	tenths			
	(Latitude by D. R.		0	, ,,			
	Longitude by D. R.		0	, "			
Position at Noon:	Latitude by observations of ②		•	, ,,			
	Longitude by chronometer from Forenoon	Observations of O	0	, ,			
		Observations of the	0	, "			
Position at 8 A. M.	Latitude by		0	, "			
			0	, ,			
Position at 8 P. M.	Latitude by		0	, "			
Current during the	e time, knots tenths per hour,	setting to the					
(Error of the Comp	ass by Azimuth O observed at , sh	ip's head	0	,			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	٥		variation used,	0	,
(Error of the Comp	ass by Azimuth O observed at , sh	ip's head	c	,			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	,
	uring the preceding 24 hours,			Too gallon	ıs.		
Water	during the preceding 24 hor	ırs					
	on hand fit for use at Noon,		10	000 "			
	ring the preceding 24 hours,		/ tons/6	to lbs.			
			29 "11	61 "			
Coal remaining on	nand at Noon,		/	,			

P. M.	1							1		-
1	W.f.w.	tw	4-6	29.81 4,	38	35	beg	On Cu	-5	
2	0		4-6	29.81 40						
3			46	29.81 41	39	35			5	
4			4-6	29.84 41	38	34			5	
5			2-3	29.82 40	38	34	te		26	
6		West	2	29.8439	38	34		Kin Cue	2	
7			1	19.8638	31	34			2	
8		*	1	29.8638	37	35			5	
9	*	8-20	1	29.82 39	37	34	4	-	8	
10	,		1	298138				"	7	
11			1	29.1937			tem		3	
Mid.			1	29.77 37	36	34			6	
				1					134	
			and the same of the same of	the latest	-		The second second	The same of the same of the	No. of Concession, Name of Street, or other	-

under the command of mynaudro , U. S. Navy, Monday Freducing 10 de , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commune While Ham: Plan and Cold, fresh burges to moderate gales we softeally from Will to West Bashness Ming Coding to wound and last less over duft lead at 12.10. L. M. Mame From to 8 a MO lear and Cold Fresh to Stiff herze with heavy squally from W to N W by W. Buromet's Using Made preparations for Jordan, Liver Eura ROSM. From 8 OM & Molding Jan to cloudy squach and cold Flish two of to modular gale from NW by W and NB. Beronie & vising 28 9 ro got underway and stood if help for Bay, Captum Coming the Ship, at 18 30 Stopped at Dusantin State State Start Office Came along the and gave promosein to prove Hood up the high Wolar Bay. At tem off to struct Stand Western Start when for structure for the fact that was a structure for the fact the fact which work of the structure of the fact of the fact of the structure of the fact of the fact of the structure of the fact of the fact of the fact of the structure of the fact o Flow Mendran to HPM. ed changed numbers with Certaing Ship Minand and Leured along side the Cot Brown of the Virmon Set fire die not select along side the Community of the paid and fleet head to the Community of the Jave A County of the Jave Jave Jave A County of the Jave Jave A County of the Jave Jave A County of the Jave A County of on Coming alregher docks Lieux Enand Ross. Flowed to 80. Moloudy and Cool Light and to grath burge from Mir 970 Ext. Sundy Sundy Sundy Showing risk. Film PPM & Midnight Olen overhead, miss, latter fear of watch. Light air from file. Barower felling. Then weder tolor a for heading. Will hinelsey Del. Examined and found to be correct. John Blustand Kelli Varigation

LOG of the United States Suk Ship Essel 3 Rate, Moored to Oost Dock Navy, Gand New York

						1	//			-1	/				100	100
			Reading		WIND.				BAROMET	TER.	TEMPER		State of	Forms of	Clear 10ths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	He.	Leeway.	Height in inches.	Ther.	Air. Dry Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				010	Su	2			29.13.	38	36 34	1	n	June	-0	
2						3			29.69	38.	36 31	1			0	
						2					36 3		to	Cym	-8	
3					"	2			29.610	38.	36 31	1		4	9	
					* ,	2			19,510						5	
5				Un Est of w.	WEEK	3.1			29.59	39.	31 30	0	bes.	"	5	
6						3-1			29.600	31	37 30	,		Que	8	
8						48			29.64	3-1.	3730	,	6		10	
9					WIW	5.4			29.61	33	36 3	0	for		10	
10						5-9			29 10.	33	5.3	0	,		10	
11						5-9			29.11	33.	342	9		aus	9	
Noon.				,	•	4-8			29.12	3.	35-3	0		Cor Oun	1	
												-		-		

Course and distance	e made good since preceding noon by observations,	knots,		tenths.			
	(Latitude by D. R.	0	,	"			
	Longitude by D. R.	•	,	"			
Position at Noon:	Latitude by observations of O	0	,	"			
	Longitude by chronometer from Forenoon Observations of ©	•	,	"			
		•	,	"			
Position at 8 A. M.	Latitude by	0	,	"			
		0	,	"			
Position at 8 P. M.	Latitude by	0	,	"			
Current during the							
Error of the Compa	ass by Azimuth O observed at , ship's head	0	,				
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	- 1		variation used,	0	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	C	,				
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,		variation used,	0	,
Water expended du	aring the preceding 24 hours,		500	gallons.			
Water	during the preceding 24 hours,						
Water remaining o	n hand fit for use at Noon,	,	500	7 "			
Coal consumed dur	ing the preceding 24 hours,	2 tons,	620	lbs.			
Coal remaining on	hand at Noon,	21 ".	54.	1			

P. M.	WIW	wow	710	29.1036 35 30	begin	Cur	3
2			110	29 70 38 34 30			4
3			1.10	29.12373430			4
4		10	1.10	29. 13 37 34 30			#
5			1-10	19.80 53 32 28			H
6			6-8	29 83 32 31 28			1
7			6-8	29.8432 30 27			8
8			5-1	29.85-31 29 27			8
9			5-1	19.88 31 29 27	6-9	None	10
10			5-1	29.89 31 29 27			10
11			5-9	29.90 31 29 27	beg	ar Cum	-9-
Mid,			5-10	29.913,2927		"	8

Sursday, Gebruary 17th. U. S. Navy. , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Swith Stoly bruges. and Cloudy to chronover. Cooly RA Visdale Eusign DSh. Flom A to & a.M. Ronay at first with light snow, clear last half. Sugar Right Grow wice asing in squally to moderate gate from In. " " id in test Granted, mening orders Lebrury men to humes," Jul Euran Den. Thom 8 a MO to Megidian. in fuffe from WES. to W. N. W. Baromet Resing Chain to Spring gale in fuffer from WES. to W. N. W. Baromet & Resing Chain to Spring the Chair of a trong fact at 940 unforted to days the application of our Start Chair for a trong fact at 940 unforted to days than I Marin (Offer & Class) was guilded to days than I Marin (Offer & Class) was pleased by order of Gimmanding Offer this trum of Confinence & having expended. Druxenanx DSN. From Madian to A LA God God Flish burge to freel gales in Squalle & forth from W. W. W. Curved an Found from W. S. S. W. Curved an Found from W. S. S. W. Comment of the Selection of the State of the S Robindale Ensign XM Grant to 8 CM Weather clear Stiff breze to mounde gale from M. W. Burnder hoing. WBWhiteley Com 1. Then 80 m to Midwight plan Fed Cold. Stiff Foregre to flech galar in Juffer and squally gradually encreasing from Kill. RA Stodale Eneign A.V. Examined and found to be correct. John Soutenand DV. Sarigaton

LOG of the UNITED STATES Ship Essil 32 Rate,

M. W. W. S. 29943026 16 Seg Que 9  2 29,9582525  29,9582525  29,9582525  29,9582525  29,9582525  20,96582525  20,06525252  20,065252  2				Reading		WIND.	9			BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
1	Hour.	Knots.	Tenths.	Patent	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Wenther,	Clouds, by	Prop of Sky, in 1	State of the Sec
2	. M.				w.f.w.	N. W	V-8			2994	30	26	16		begi	Cam	9	
3	2				0.		5-8			29.95	28	25	25			"	9	
5 1 29.99 26 23 23 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3						5-9			29.99	26	24	21			4	8	
5 30.00 16 2 2 2 2 8 30.00 16 2 2 2 2 8 30.00 16 2 2 2 2 2 8 2 2 2 2 2 2 2 2 2 2 2 2 2	4				,		6-10			29.99	26	23	23				8	
5. 1 30.10 25 21 2	5					,	5-9			30.05	26	22	22		4		8	
5. 8 30. 13. 26. 42 24 24	6					1	1.8			30.06	25	22	27			"	8	100
5-1 30.13 26 24 24 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9						"	4-1								, 0	HVam	-8	
5-1 30.16 27 27	8						5.8								,		9	
57 30.21.29 31.29 8	9						5-1			30.16	27	27	27				18	
1 30,21,29 31,29 8	0					* *	5-1			30.21	27	29	27				-	
on. NWbyH 5-7 30.2131 30 30 8	1						5-1			30.21	29	3/	29					
	on.					N W by N	5-1			30.21	31	30	130				8	100

	Course and distance made good since preceding noon by observations,	knots.	tenths.			
			, "			
	Latitude by D. R. Langitude by D. R.		, ,,			
	Position at Noon: Latitude by observations of ©		, ,,			
	Longitude by chronometer from Forenoon Observations of O	•	, ,,			
	( Latitude by		, "			-
	Position at 8 A. M. Longitude by	0	, ,			
	Latitude by	0	, ,,			
	Position at 8 P. M. Longitude by	•	, ,,			
	Current during the time, knots tenths per hour, setting to the					
	( Error of the Compass by Azimuth O observed at , ship's head	0	,			
-	Deviation of the Compass by Azimuth O observed at , ship's head	0		variation used,	0	
	(Error of the Compass by Azimuth O observed at , ship's head	0				
	Deviation of the Compass by Azimuth O observed at , ship's head	0		variation used,	0	200
	Water expended during the preceding 24 hours,	12.	gallons.			
	Water Muring the preceding 24 hours,	322				
	Water remaining on hand fit for use at Noon,	300				
	Coal consumed during the preceding 24 hours,	2 tons, 1				
	Coal remaining on hand at Noon,	24 " 2,	1 "			

									Sec.
P. M.							0		
1	WSW	NW	4-6	30. 20 36	33 31	beg/	to the	8	
2	4	,	4-6	30.2131	3231		0.	7	
3			3-5	30.23 39	3231			9	
4	,		2.1	30.23 35	31 30			9	
5			23	30.22 33	30 30	bem		8	1
6			2	30.2230				8	
7			3	30.24 30	28 28			9	3
8			2	30.25 30	28 28			8	
9			2	\$.2030	28 28			8	
10			2	30.25 30	21 21			9	
11			1-0	30.28 29	27 21			9	
Mid.	,		1-0	30.2429				9	
				The second second second	Contraction Sections	-		Automobile Com-	STATE OF THE PERSON.

under the command of Minauder & Thong. WEdureday, I Etruay 15 14. , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Comences " Will of a. M. Cha Que Cold, flech terry to Spring galre and galres in Squalles from N. 18. Burned? Siving.

L. m. nam L. m. name Orisign RSN Som it to 8 W. M. Meader Cles Sud Cold, moderate funge to gate in squale from 1. 10. Dayment pleing Revised in 10 sparment of Supplied lend accounts, 10/4 lbs Feef 106/4 lbs reg delles and 85 th stead WBWhiteley DN. From Merician to A.M. Claren Cold freed berry increasing in fore in Apalle Stady baronets Carived from fand room gollons was for Enguero Repulsioned Stady Gilmager, Both makers makingly Steam fills sheeping. Department Stady Gilmager, Both makers makingly Steam fills sheeping. There sail at 10 Clock what for topsal Just down and lander on dock for topsail fact the trust of Just make the said fector member met at 100 cm for the trust of J. Stoakley out agranced at 1,50 L. - m. namee \* Flom 8 a MO to Maidian per and cold Stiff and fresh terry from N'W un squalle dorsed Sais to dry Cerrived fresh water from Swy fresh.

R. T. in dale From + to 8 P.M. Clarand Cold Gruth I W & Ruge. R.D. Tro dale Busign D.S. N. Henry Farmily Heady bosometer In Ensign Del. Examined and found to be correct. John Hubband Navigator

LOG of the United States Ship Essel"
Mooned to Golf Dors Navy Jana, New York 3 Rate,

			Reading		WIND.	0	0		BAROME				URE.	State of	Forms of	of Clear in 10ths.	e.vea.
	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulls.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	StateoftheSe
M.				20-520	NIO	13			30,20	30	21	21		ro	Que	-n	
2					En &	1			30.19	30	21	27				0	
3					86	0-1			30,16	29	27	37				0	
1						6-1			30.15	29	27	27			,,	0	
				,	4	0-1			30.15	30	27	27			4	0	
					10000	0-1			30.13					4		0	
					18 hy 8	1			30.10							7	
	1				1	1			30,10	31	29	29		001		0	
					18	2			30.04	36	30	30				0	
0					2.	7-1			29.94	36	33	33		ocam.	,	0	
					East	2			2994	37	32	34		rent		0	
on.			31331			2			29.86	37	34	34	100	. 0	4	0	

Course and distance	ee made good since preceding noon by observa	ations,	knots,	tenths.			
	(Latitude by D. R.		0	, ,,			
	Longitude by D. R.		0	, "			
Position at Noon:	Latitude by observations of ⊙		•	, ,			
	Longitude by chronometer from Forenoon	Observations of O	0	, "			
		Observations of O		, "			
Position at 8 A. M.	Latitude by Longitude by			, ,			
			0	, "			
Position at 8 P. M.	Latitude by			, "			
			•				
Current during the	time, knots tenths per hour, s	etting to the					
SError of the Comp	ass by Azimuth O observed at , ship	o's head	0	'			
Deviation of the C	ompass by Azimuth O observed at ,	ship's head			variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship	o's head	c	,			
Deviation of the C	ompass by Azimuth O observed at ,	ship's head	0	,	variation used,	0	
Water expended di	uring the preceding 24 hours,		7	Too gallons.			
Water	during the preceding 24 hour	rs,		"			
Water remaining of	on hand fit for use at Noon,			300 "	,		
Coal consumed du	ring the preceding 24 hours,		V tons,	620 lbs.			
Coal remaining on	hand at Noon		22 "	1391 "	1		

P. M.							
1	w/u	983 (	1	39.7739 34 34 ocef	Kunt	0	3
2			1	29.68000101	4	0	
3		Calm	0	29.65405739		0	
4			0	29.69 40 58 58		0	
5		,	0	29.59 41 39 39		0	
6			0	29.58 41 40 40 .			
7			0	29.55 42 41 41		0	
8			0	29. 53 42 41 42		•	
9			0	39.5043 42 42		0	
10			0	29.5043 42 42		0	
11		WSW	1	29.50 48 42 d2 0eff		0	
Mid.		WEEK	1-3-	29.5143 Hr 42 0 Clos	"	0	
						-	
			The second second				THE OWNER, WHEN

under the command of manday of thing the , U. S. Navy, , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Medugh to 400 WM Dornage Cloud Fine Cold Light to gent to for the form to fit was deviacing in form December falling. Linkenant WIN. From # 6 . 8 a.M. Orenack cloudy and medy. Began to Sugar ax and of contile Right air an ourges from S. E. Majeris Sun By Department for Session of Clerk air following fresh pronseins 4014 buf, beginning of the plan.

Ratio Lale Radiodale Breign DSN. Jonn 8 am to Meridian Oracas Changer forgy Growy first feet having afterwards Dight berge from Et to Bash Mist. Quelled Come will the Var at 100 Book Sout all appending no 10 days trave by Williams of Grand Meridian Continued Medical Meridian Continued Medical Meridian South Meridian Strong Jane Department of South Meridian Strong Jane Department of Medicals Orapor Strong Strong of Chamber of South Stemment of Strong S Tem Meridian to 4 M. Cloudy rainy foggy. Calm and light win from B.S. So. Barometer, falling, it cumbral as copie in construction to explained in invaria four peters, maken for personale Iteam files refer to be the maken the continual stain by the continual stain by the continual south and sort hast for low pleasure valor when for repair. Control up charlesing pump for lordens from fur room, ready for repairing. Locul Enant HSM. From 4 to 8 PM rund sainy and foggy Calin Falling trumeted.
Many fard workymen sing agras of board as in afternoon watch lill & O'clock) L. M' namee Elizign DNN From 8 m to Manight Ormand cloudy fog and mich Raining first part of watch. Praying thousand latter part. Value and light rise to light furgo from we for west. Samuelle steady, then tising. Examined and found to be correct. John Hut to Mercent Del. Nacigator.

LOG of the UNITED STATES Ship Esser Jose Many Jana New Jors

-			Reading		WIND.				BAROMETER.			State of	Forms of	Clear 10ths.	e Sea
	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther.	Air, Dry Bulb.	Air, Wet Bulb. Water at	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	Stateofth
				ww	WEST	3-4			29.51 Hr	41	41	feat.	Bunk	v	
1				0.		1-8			29.52 41	41:	39	009/	B: ,	6	
					10	68			29.5/38			obeg	Cum	3	-
1						68			29. 10 32			4	,	5	
+					ANW	6-8			29.76 32		11			8	
+					1	68			29.80 30		26	,		8	
1				,		6-8			29.26 34		26		,	8	
					nu by 1	6-8			29.8934	33	30			8	
				"		6.8			29.9035	33.	30		"	8	
						6-8			29.92 36	34	31	,	0"	X,	5
			0 10 01			6 8			299431	36;	32		Que	X	

34. Rate,

Course and distance	te made good since preceding noon by observations,	knots,		tenths.			
	(Latitude by D. R.	•	,	"			
	Longitude by D. R.		,	"			
Position at Noon:	Latitude by observations of ②	•	,	"			
	Longitude by chronometer from Forenoon Observations of G	•	,	. "			
			,	,,			
Position at 8 A. M.	Latitude by	0	,	"			
				,			
Position at 8 P. M.	Latitude by	0					
	(Longitude by	•	'	"			
Current during the	time, knots tenths per hour, setting to the						
(Error of the Compa	ass by Azimuth O observed at , ship's head	0	,				
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0			variation used,	0	,
(Error of the Compa	ass by Azimuth O observed at , ship's head	o	,				
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,		variation used,	0	,
Water expended du	aring the preceding 24 hours,	2	00	gallons.			
Water	during the preceding 24 hours,			"			
	n hand fit for use at Noon,	21	00	,			
	ring the preceding 24 hours.	2 tons,	41	O the			
		20 "	92	1			
Coal remaining on	nand at Noon,	, "	1'	1			

P. M.					0	
i wen	WNW	5-1	399239 3134	beg	Guax	5
1 Wfw	,	5-8	2992393734			3
3		5-8	2994 39 3734			2
4	,	5-3	29.95 29 27 33			
5	,	35	30.08 18 36 33	re	Cum	-7
6		3.4	30.08 38 36 33			7
7		3	30.09 38 36 33	2		7
8 ,		23	30.1236 36 34	f	-	10
9 ,	,	21	30.1235 3231	te	Que	10
10 ,		2-3	30.13 34 3231	"	cur	9
Mid.			30. 4 3 3 3 2 30	7		10
MIQ.	*	12	30. 14 33 31 29	1		10

under the command of myrands O. Hlong , U. S. Navy, Aleday FEbruary 14th , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. last last Grutto braze to moderate gale from Bet V. 10. Burnets! Lo Linty in DSN. Jenn & to 8 a. M. Char and Dold fight burge to moderate gales in Separation of Received in Department applaced and December flesh planame as follows in the Seen, will legislables 4 plets buff. L. mo name Ousign DSN. Film & O M& Mendian Clarical Cool Thish Purgo with hisory spalk from NW by W Burners, pany & Plumbra from then you to work, have maken of reading the party of the property of Deux Euraux WSN. Som Meridian to 4 gale from WNW. Brack of Squally Grathe hurse & moderate gale from WNW. Brack of Strong in Certain Morgation Stores Came on board of sheep of feorman left the Ship on from days leave of Reference, Sent Write party on Shore I wo Remotive joing two maidenthis fetters at work on board. flom it to 8 Pila and Cold Streth burge with Steff squalle first pain of from W N W Barmer Ning Same men ax hoose on of sound as during building world 10 th Light fook (F. &) whenever from traver of sound form traver of sound form traver. Jet Jordan, Kom Enant DA Thm 80 m to Midnight Clear an Cold Light air to good by turge from 2010. Landy and Deline Examined and found to be correct. Johnstub for N. Marigator

LOG of the UNITED STATES Sulp Essel Rate, Money to Coff Drest Many Jana New York

7	1		Reading		WIND.				BAROME	TER.	TEMP	PERAT	URE.		Forms of	Hear Oths.	0.500
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds. by symbols.	Prop of Clear Sky, in 10ths.	State of the Sec
A. M.				wfw	NW	10			30,15					for.	2 Oun	-9	
2				0,		1-2			30.11.						1	10	
3				,		1-0			30.11.					"	~	10	
		+			WEEK	1-0			30.16.	32	32	32			-	10	
5			na.		,	0-1			30.16.	32	30			r	11	18	
6						0-1			30. W	32.	30			de.	Cum	9	
-					Subyro	1		,	36.11	33.	30			form	4	7	
8						2-3			30,12	34	30			4	"	7	
9					54	3			30.10	37	36			4	-	5-	
10					7.5. W.	3-4			80.09					v	•	1	
11			1900			3-4			80.07					•		6	
Noon.					ı	3-4			30.05					4	,	7	
															1	-	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	0	, ,,		
	Longitude by D. R.	0	, ,,		• .
Position at Noon:	Latitude by observations of O	0	, ,		
	Longitude by chronometer from Forenoon Observations of O	0	, ,		1
	( Latitude by	0	, ,		
Position at 8 A. M.	Longitude by	0	, ,,		
	( Latitude by	0	, ,		
Position at 8 P. M.	Longitude by	0	, ,,		
Current during the	time, knots tenths per hour, setting to the				
( Error of the Compa	ass by Azimuth O observed at , ship's head	0	,		-
}	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0
(Error of the Compa	ass by Azimuth O observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth © observed at , ship's head	0	,	variation used,	0 .
Water expended du	aring the preceding 24 hours,	20	Ogallons.		
Water	during the preceding 24 hours,		"		
Water remaining o	n hand fit for use at Noon,	6 tons, 7	00 "		
Coal consumed dur	ing the preceding 24 hours,	6 tons, 7	80 lbs.		
Coal remaining on	hand at Noon,	14 " 14	17 "		
			1		

P. M.	W. 5. W.	W. S. W.	3-4	30. 02	13 51	ben.	eit.em	7	
2			3-4	30.00		d		7	
3			3	29.98				7	
4		•	3	29.97	57 59	•		7	
5			3	29.95				5	
6		15. X.	2.3	29. 91		.,		7	1
7			1	29.91		•	enm. sk	5-	
8			2	29.90	S7 fc	•	4	5	
9		-	1-2	29.88	\$6 45	6.	Stowe	10	
10			2	29.86 4	16 44	1-1711	d	10	
11			2	29.86	15- 44			10	
Mid.			2	29.86	15-14		4	10	

under the command of Ornmander & D filmander Detring , U. S. Navy, 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Min to West. Barnes Steady Cold Cold Eghrain from Willhullry dizer Errant KSI from WEST to SWay W. Baronet & falling Remord in Sept. Legen Enant MSM. From & a.m. to straidian Chat and phasant Centh to moduli trais from H. & H. S. T. State yard workness on board as follows: In Construction & plumber; & inside ohis fillet, & onloid ship that, & helsets and I drillet. In strong congruenting & machinists thelper, & stram fillets, I helset, I hading boilet maker. & boilet makers, & helpers. Bhufy M.S.M. Hom Medicina to the me Healthet chart. Genth to modital bring from H.S.K. Datomikit falling. I. R. Giren H. S. L. Datomikit chart. Genth to modital bring from His date. The following had ranking me state engaged on board: 2 Phimbers, 2 Cubich brip fillers, 2 Arlpers, A Philhe and 1 Hilpert in board on board: 2 Phimbers, 2 Cubich brip fillers, 2 Arlpers, A Philhe and 1 Hilpert in board of which and 2 Philhe and 1 Hilpert in board of which a board of which are and should be somether which and the board of which consider the board of which and the board of which are board of which and the board of which are board o WB Whitelery 21 5 St I som & & 5 pm. Swasant wather Light airs to gently bring from X & X and bx. stay yard workmen on board as in rate water mill so clock Landy Most Hom & b. m. to Midnight Holling char Light ais to hight treze from b. r. Batomekt falling WBWhitelory Sunknand, n.S.S. Examined and found to be correct. John Kut bask Simbon W. S. S. and ranger

## LOG of the United States Ship Essay Mondred to Rob Doch, Stany yord, Sim york

1	100				WIND.				BAROMI	STER.	TEM	PERA	TURE.			Hear Othe.	e.Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balls.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.				W.b.X.	6.76				29. 83	44	43			bem.	enn.	5-	
2					4	1			29. 83	44	43					4	
3				•	H. S. H.	2			29. 83	44	43					2	
,					,(	2			29.81	43	41					+	
5					St. St. K.	0-1			29.81	43	41				1	4	
6						6-8			29. 82					beg		2	
7						7			29.82	38	35			0.0.	enn.	0	
8					A. S. A.	of			29.88					0.8.5.		0	
9					St. 8.	4			29.90							0:	
10					13.	4.5	-		29.91	30	24					0	
11						4.5	-		29.94					b.c.		2	
Noon.						4-5	-		29.94	1		-				1	

0 1 4:	e made good since preceding noon by observations,	knots.	tenths.		2
Course and distant			"		
	Latitude by D. R.	0 ,	,,		
Position at Noon :	Longitude by D. R.				
Position at Noon.	Latitude by observations of ①	0 '	"		
	Longitude by chronometer from Forenoon Observations of O	0 1	"		
	( Latitude by	0 1	"		
Position at 8 A. M.	Longitude by	0 ,	"		
		0 ,	"		
Position at 8 P. M.	Latitude by		,,		
Current during the	time, knots tenths per hour, setting to the				
SError of the Compa	ass by Azimuth O observed at , ship's head	0 '			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head			variation used,	
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,			
Deviation of the Co	ompess by Azimuth @ observed at , ship's head	0 ,		variation used,	
Water expended di	aring the preceding 24 hours,	200	gallons.		
Water	during the preceding 24 hours,		"		
		1700			
	n hand fit for use at Noon,	/700 / tons,/8/0			
Coal consumed dur	ing the preceding 24 hours,	/ tons, / 8 / C	) lbs.		
Coal remaining on	hand at Noon,	12 . 577	"		

		40.6							
P. M.									
1	Q1. 9. Q1.	North	5-	29.98 25	22	b.c.	cum.	1	
2			5	29.9525	22			1	4
3			5-	29.96 25	22			1	
4			5	30.0025				1	
5			4-6	30.0127	23	b.c.g.	cum. otia	14	
6			5.7	30.05 25	21			2	
7		-	5.7	30.10 24	21		1	8	
8		N. NO.	4-7	30.10 23	21	b. 9,	none	10	4
9		191	2.8	30.17 18	17			10	
10			2.8	30.20 17	16	-	SA TOP	10	
11			2.8	30. 20 15	14		-	10	
Mid,			2.8	30.21 14	/3			10	
									1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to It a. m. Word, cool and misty. Light b. I'by outs and bringes

P. A. Tio Lale
Energy. W 5.57.

Hos a. m. Cloudy and squally. Involving last hour. Palm to woodrah gal from it. St. X. first thirty hours, and from st. E. st. tak hour. Siberty men thurned. Prod in Cay Dyol of the troud. Pay Clerk Waldman has one wreps leave from this date.

B. Luby 1. b.sr. From 8 a. M. to Merid.
Ob eather clondy and enoung during first half cleaning toward end of writch. Morderate to stiff breeze from No. Baroneles rung. at 10 o close the Ol F. Bolumbia left the yard.

WBWhitelery Lientenant Q. Ja.

From Merids to 4 P. M. Cold Stiff Northerly breezes.

R.D. Fis Lale Energy Q. 9.9.

From 4 to 8 P. M. . Stather clear Stiff to fresh breeze in equalls from North to A. N. A. Barometer viewig. Pr. J. Kerand app. 3 class, returned from leave.

Wis Whitelory Dentewant De Son

From 8 P. On to Prid Cloudlew and way cold Stiff atod freek breyer to moderate gale in equally from A.O.

Ensign & & 9.

John Sheffard ... Sen Navigator

LOG of the UNITED STATES Ship Essea. Third Rate, Moved to Cot Dock Chang Gard, Chew York.

						-1					- (/						150
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.		Forms of	Hear Other	1
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of Clear 8ky, in 10ths.	Section Services
M.				Q1. F. Q1.	191.	6-8			30.22	12	10			b.g.	nou	10	
					,	6-8			30.24	11	9					10	10
						6-8			30.27	10	8					10	
						6-8			30.27	9	7					10	
					1.18	5.8			30.31		5				-	10	H
					1 .	47			30.33	7	2					10	-
						4-7			30.35	5	1			b.g. mi.		10	-
						4-6			30.35	- 2	1			f.q.	7	10	-
				•	North	3-5			30.39	3	1					10	-
					2 4 .	3-5			30.43	4	4			b.c.	circtual	9	+
						3-5			30.43	8	6					9	1
n.						2-4			30.42	9	8	1				9	1

Course and distance made good since preceding noon by observations,	knots,	tenths.		
(Latitude by D. R.	0 /	"		
Longitude by D. R.	0 ,	"		
Position at Noon: Latitude by observations of ©	0	, ,,		
Longitude by chronometer from Forenoon Observations of O	0 ,			
( Latitude by	0 1	"		
Position at 8 A. M. Longitude by	0 ,	"		
( Latitude by		,		
Position at 8 P. M. Longitude by	0 1	"		
Current during the time, knots tenths per hour, setting to the				
(Error of the Compass by Azimuth O observed at , ship's head	0 /			
Deviation of the Compass by Azimuth O observed at , ship's head	0 '		variation used,	0
(Error of the Compass by Azimuth O observed at , ship's head	0 ,			
Deviation of the Compass by Azimuth @ observed at , ship's head	0 ,		variation used,	0
Water expended during the preceding 24 hours,	300	gallons.		
Water during the preceding 24 hours,		"		
Water remaining on hand fit for use at Noon,	140	0 "		
Coal consumed during the preceding 24 hours,	tons,	lbs.		
Coal remaining on hand at Noon,		"		

М.								
1	04.8.01	1.16	3-5	30.39	7 8	b.c.	cir. etrat	9
2	"		3-5	30.39	11 10			9
3			4-5	30.39		t.	none	10
4			4.5-	30.36	16 13			10
5			3.4	30.36 1	4 12	· b.c.		10
6		N.E.	4	30.36.1				10
7			5.6	30.36	11 9	b.	None	10
8		1	5-6	30.35 /			1	10
9	,		5-6	30.35	10 8	b.g.		10
10			5-6	30.34	10 8		,	10
11			5-6	30.32	10 8			10
fid.		16. ly 6.	4-6	30.32	10 8			10

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On. Chear and cold. Fresh breezes to moderate gales in squalls from A. Or Baromete rising.

L. m. name Ensignal & Dr.

From 4 to 8 a. On Obeather clear and very cold. Phoderate breeze to moderate gale in equally from N. 4 E. Barometer needly. Ph. F. S. Cincumsto elifted her best to coal what Received in Dept. of Supplied and accounts 4344 lb. beef. 4344 lb. agitable, and 34 lbs. bread. and 34 lbs. brad.

WBWhullery Lieutenant Qu. S.M.

From 8 a. M. to Merid bloar and very cold. Morderate to fresh Artherly beege . At 9.30 called all hands to muster and read the sentence of the Tenmany boult Mattal in the case of John Of Ftrakley box orz: 30 days solitary confinement in double wous on bread and water, with full nation any fifth day into love of three mouths pay amounting to \$90.00 and by order of bonumanding Officer that part extenses for the community with only the officer bring leaving ship without plumesum after bring alphaness of the bonumanding Officer and language about from 18th it to the bill of Order 18 Mate can away the bonumanding Officer and water the bring about the formation of the bonumanding Officer. 2 class, returned on board, the former 51 hours and the latter of hour mortine from leberty of ollowing Plany Gad workness on brand in Emstantion, is ship fitter a helper and I duller with helper, in Engineer Dept. I leading briler maker, I briler maker, I helper, I ateam fitter, I helper.

R.D. Sindale Eneign W. S. M.

following Ordinary Flore, unit turned into story at Mary Gard; 85 cartidge cases and boars of the plans of the part of part of part of part of the part of par From Meinds to 4 J.M.

I. M. Raune Sugar Qu. S. Oh.

From 4 to 8 9 m.

Bleav and cold Orech NEL, breeze By order of & muranding Officer placed
J. Johnen, Orlor & claw, in doubt into five days, offere having analyzed light in
his presession.

B. Lio Lale ascholde

Gusign Q. J. D. From 8 P. M. to Prid. . Clear and cold . Stiff to feel breyer in equals from No. Falling barometer.

Examined and found to be correct.

John Hulton W. J. M. Leitenaut V. J. Q. Navigason

LOG of the UNITED STATES Thip Essex OMorad to bob Dock, Chary Yand, Oner York.

Third Rate,

					' 1	(		'										B
			Reading		WIND.				BAROMI	ETER.	TEM	PERA'	TURE.	State of	Forms of	Hear His.	e Sea.	1
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Wenther, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSec	
A. M.				Cu. 901.	NE.	4-5			30.28	10	7			b.	none	10		-
2					"	4.5	-		30.30	10						10	-	ı
3				•		3-4			30.30		6					10	3	ı
4				a		3-4			30.24		6					10	-	Į,
5				•		3.4		-	30.22		6			b.c.	cir strat	8		1.
6				•		3		-	30.21		1				1	6		H
7				•	4	3		-	30.22	10	7		-			4		I
8				•		3			30.21	10	7	-				5		I
9				4		4			30.18	12	11					5		1
10			7		14	4			30.16	17	15		1			5		1
11						4			30.13				1			5	-	-
Noon.					•	4			30.09	24	22	1 37		•		5-		-
					THE RESIDENCE OF THE PARTY OF T	1		-	-		1	-	1		1			

Course and distance made good since preceding noon by observations,	knots,	tenths.		
(Latitude by D. R.	0 ,	"		
Longitude by D. R.		"		
Position at Noon: { Latitude by observations of O		"		
Longitude by chronometer from Forenoon Observations of ⊙		"		
( Latitude by	0 ,	"		
Position at 8 A. M. { Latitude by Longitude by		"		
		"		
Position at 8 P. M. Longitude by Longitude by		"		
Current during the time, knots tenths per hour, setting to the				
(Error of the Compass by Azimuth O observed at , ship's head	,			
Deviation of the Compass by Azimuth O observed at , ship's head	0 '		variation used,	0
(Error of the Compass by Azimuth ⊙ observed at , ship's head				
Deviation of the Compass by Azimuth O observed at , ship's head	0 ,		variation used,	0
Water expended during the preceding 24 hours,	300	gallons.		
Water during the preceding 24 hours,		"		
Water remaining on hand fit for use at Noon,	1100			
Coal consumed during the preceding 24 hours,	tons,	lbs.		
Coal remaining on hand at Noon,	"			

P. M.								
1	04.8.04	6.46.	3-4	30.03 28	27	0.0.m.d	cum, mil	0
2		18.	3-4	30.00 30	29			0
3			3	29.97 35	30	b.c.m.		5
4		6.46.	2-3	29.96 32				4
5			3	29.9430	26	*		4
6			3	29.94 29		b.c.m		5
7			3	29.94 29		,	,	5
8		16	2	29.93 27		0 0.0		0
9			2	29.88 28		b.c.d		4
10		-	2	29.86 28		l.	none	10
11			2-3	29.83 27	23			10
Mid.			2-3	29.81 26	23	f.o.	www. must	3

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Elean and very cold . Morderate to guille heer with stiff equally from A.E. Barmeter ning, the falling.

Jufordam Lieutenant U.SOK

From 4 to 8 a. Mr. Bleav to cloudy Very cold . Gentle heey from NE . Received in Pay Dept for wine to crew 36 lbs. fresh bread.

Ratistele.

Energy & F. R.

From 8 a. M. to Merid.

Cloudy and cold. Thodewate N. Ely buyer Falling baroneter Suspected magazine flow crete and found there we good condition. Pleased in Elegh Medicine and Lugary 12 brand Medicial etrice. Than Gud working engaged on brand as fellows: Engaging Leph I beading briles maker, 2 briles maker 2 believe 1 leteam fitter I belgar Lieutunaus Gold Milie was attached from duty on Esses, and was related by Leutenaut J. Hubband, who was detached from duty as Padageter. Distillment R. H. Halt reported on brand as relief of Leutenaut J. Hubband, for duty as Padageter.

In name Chila

Own Christ to M. M. Dericast clondy. Sight sum first part of watch slearing latter part. Sentle to moderate breeze from 6.16. to N.6. Barometer falling. Temperature meining bluef Engine Itacy Orde, 80.19, reported on board for duty as bluif Engineer of their breeze. By with of the Flow form obtained the Change bluef Engineer 6.1 it about the Mr. was their day detacked from duty out their orself and ordered to duty at Order York, in connection with fitting only O'Ornor'. Down(4) coulders and three (3) subscriptle at work on board in Constitution Dept. I leading briles maker, two (2) briles maker out (1) steam filter and three (3) fitting in Gripment Dept. Down of Surrey in Equipment Dept.

From 4 to 8 P.M. Blondy to orneach Right sum at end of watch Gentle breeze from 6. No. Fready baumeter . Pray Gard workness employed on brand as in afternoon witch till 50 clock

Eurign W. J. M.

Drom 8 PM. to Mid.

Bloody with light anow frist part of writels charing and then clouding over again Light to gentle breye from No. Barometer and temperature falling.

Examined and found to be correct.

Leitenaut 91. J.Ch.

Plyn Hyalt Sientenaut & Ga, Navigator

Third Rate,

LOG of the UNITED STATES Thip Essex. Mornd to bot Dock Many Yard, Orew York.

			Reading		WIND.				BAROMETE	ER. TI	MPERA	TURE.			lear ths.	N. Nea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Th	Air. Dry	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
M.				a0 a.												
1				(W.S. W.	16.	2			29.80 2	6 2	3		b.c.m.	Cum airis	.9	
2						3			29.80 2	62	3		"		9	
3						3			29.742						8	
4					Gast.	2			29.74 2						5-	
5				*	Carrable	2			29.712						3	100
6					9.88	0-1			29.70 2				0.0.m.		0	
7	100				l k	1			29.68 2						0	-
8						Z			29.66 2				b.c.ou		3	
9						4			29.662						3	186
0						4			29.65-3					cum.	3	1
1						4			29.61 3.			1			4	-
on.						5			29.56 36	6 3	61	1/			3	

Course and distance	e made good since preceding noon by	observations,	knots,	ten	ths.			
	(Latitude by D. R.		0-	, ,	"			
	Longitude by D. R.		0	, ,	"			
Position at Noon:	Latitude by observations of ①		0	, .	, .			
	Longitude by chronometer from Fo	renoon Observations of ①	0	, ,	"			
	( Latitude by		0	, ,	,			
Position at 8 A. M.	Longitude by		0	, ,	,			
	( Latitude by		0	, ,	,			
Position at 8 P. M.	Longitude by		•		,			
Current during the	time, knots tenths pe	r hour, setting to the						
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0			variation used,	. 0	,
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0					
Deviation of the Co	ompass by Azimuth © observed at	, ship's head	0	,		variation used,	0	,
Water expended du	ring the preceding 24 hours,		. 2	00 gal	llons.			
Water	during the preceding	24 hours,						
Water remaining or	n hand fit for use at Noon,		9	00				
Coal consumed dur	ing the preceding 24 hours,		tons,		bs.			
Coal remaining on	hand at Noon,		"					

		-						
P. M.								
1	In Dry Doess	Inth	4-5	29.46 38 40	b.c.m.	cir. cum.	4	-
2			4-6	29.41 39 40			2	
3			3-5	29.37 40 40			2	
4			3-4	29.33 40 40		cum sint	1	
5		Q1. 9. Q1.	2-3	29.33 36 34			0	
6			3-4	29.38 32 31	0	Cir cum	3	
7			4-5	29.43 30 28		cum,		
8			4-5	29.4729 26			9	
9			4-6	29.53 27 24			9	
10			4-6	29.57 25 22		none	10	
11			4-6	29.57 24 20		,	10	
Mid.			4.6	29.57 24 20			10	
				111				

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a.m. bleav to fair and cold. Light to gentle been from No. and East.

St. Linky Sutwart QU.S. R.

Overcast to clondy balow to light I IBly herry Falling baconster.

Received in Dept. of Supplie and accounts, first provision as follow: 15-lbs, but 45 lbs.

orgatable, 36 lbs. budd. Lino name

Ensign U. J. M. Dum 8 Q. M. to Merid.
Theread Peut hay Seich is stiff burge from St & S. Baroneter falling 4730 cars of from Cot Duck and persensed to Duplock under low of Many Jand Jug Construction of Children deposition of September of Many Jand Jug Construction of Continuent description.

The Ship or mus un Construction Depotand 5 men in Steam Engine. ung Department at work on board.

Lieutewant & IR.

From Merid. to 4 G.M. Bloody and equally Gentle to freel breeze from Smith Finished correlating ships bottom. Hosted on southing launch had sent her to the Grant chop in the Jaid Mary of Your workness at work on bound are follows: in Iteam Engineering I leading briler maker i bottom maker and two helper; in boustwitin, a plumber and 5 shippinghts and three in plate worker.

St. Luby Sentenant O. J. O. Dem 4 to 8 P. M. Oucceed and cloudy to clear Invoing fiel how Light to stiff been fine 94 & Q. Rising barometer. Chang yand workness engaged no brand as in afternoon whiteh till 50 clark.

L. M " Name Will. From 8 G. M. to Opide. Ches and cold Mordente to fresh breeze from 4. 504.

Examined and found to be correct.

Rague Hyalt Sierituant & FOR. Navigator

LOG of the United States Thip Essea. Third Rate, In Dry Dock, Chany Yard, Chew York

			Reading	1	WIND.				BAROME	TER.	TEM	PERAT	URE.			of Clear in 10ths.	- Yes
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulls.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C	StateoftheSe
. M.				S. E. 45. In Dry Dock	Or 2.01.	45			29.57	21	19			b.g.	none	10	
2				The digital state of the state		46			29.56		19			,		10	ı
3						4-6			29.56		17					10	ı
4						6-7			29.56	19	16					10	ı
5					Otest.	6-7			29.60	-	16					10	ı
6						6.7			29.61							10	l
7						6-7			29.65		12			bo.9.	cum etral	8	l
8						56			29.67		12			/		9	
9					Or For.	3-4			29.64						cir. cum.	1	-
0					The second	3.4			29.66					,,		9	
1					Ofest	4-6			29.66						-	9	l
on.						4-6			29.66			1	1/3			9	
Jou.					,	-			7.00	~ 4	24	1000	1			1	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.	
	(Latitude by D. R.	•	, ,,	
	Longitude by D. R.	•	, "	
Position at Noon:	Latitude by observations of ②	0	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	•	, "	
	( Latitude by		, "	
Position at 8 A. M.	Longitude by	0	, "	
	( Latitude by	0	, "	
Position at 8 P. M.	Longitude by	•	, ,	
Current during the	time, knots tenths per hour, setting to the			
(Error of the Compa	ass by Azimuth O observed at , ship's head	0	,	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,
(Error of the Compa	uss by Azimuth O observed at , ship's head			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,
Water expended du	ring the preceding 24 hours,	20	0 gallons.	
Water	during the preceding 24 hours,		"	
Water remaining or	n hand fit for use at Noon,	7.	00 "	
Coal consumed duri	ing the preceding 24 hours,	\ tons, 6		
Coal remaining on l	hand at Noon,	5 "15	04 "	

P. M.	cela				
1	In Dry Dock	Ot est.	4-6	29.662525	b.g. none 10
2			4-5	29.66 25 25	b.c.g. cum 9
3			3.5	29.66 24 25	9
4			3-5	29.64 23 23	- 9
5	•	-	4-6	29.68 2/19	cir.cum 4
6			4-6	29.71 21 19	4
7			4-6	29.74 20 18	7
8			4-6	29.76 18 16	9
9			4-6	29.81 18 16	o.d. e.g 3
10			5-6	29.81 18 16	b.e.g. 9
11			5.6	29.83 19 17	, 9
Mid.			5.6	29.83 19 15	9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Weather clear and cold, with moderate to fresh breeze in equalle from Oh. F. Ch. Barometer steady. Five in briler "A" for heating ship.

WBWhitelory , Lieutewort & & P.

From 4 to 8 a. On.

Bleav and very cold. Freek Prestely breeze increasing in free in equalle Rising barmeter. Received in Depth Supplier and accounts 37 lbs. fresh links, 4614 lbs. lergetabler.

In a name of the contraction of the contractio

From 8 a. On. to Merid.

bleav and cold between the fresh breeze from Close Cleared from confinement by order of Commanding Officer & C. Frankly (box) so that he could prepare for transfer to the Chaval Conjutal Change Gade workness at work on brand as follows: in Construction a caulker 3 shipworette 8 incide chip fitter and I leading shipletter; in Team Engineering I leading briler makes a briler maker I briler make I helper and I machinists. Kreeted dingly infrant.

Ot eather clear and cold I suth to feel been in aqualle from their Baroniter steady. I strakly been was transfund to the Charal Brajetal with necessary papers. I it Bruik I the chara, was granted serve days have from the date. The following Chary Gaid workness engaged on broad; in Engines Dept. I leading biler makes 2 briler makes; I allow: I machinete; I muschinist helper: in Construction Dept. 2 plumbers; 2 caulkers; 8 incide also fitter; I leading man and 14 shipwrought.

Willhurchery Leutewant W. & M.

From 4 to 8 G.M. ... Fair to clear and cold. Squally Products to feels brees from Fred Grang Gard workness on broad as in lack watch with 4.30. Such librity party of show A. Receile Five relace returned from leave.

From 8 9. M. to Mid. Orother clear Onoderate to feel beeze in equally from Check Barmeta riving Drive in boiler A, for heating ship.

WHICH hailary

Livitenant On 4.9.

Promised to the termination of t

Roger H. Galt. Lieuterant & S. R. Navigation LOG of the UNITED STATES

Thip Essex,

Third Rate,

CO. CO. CO. CO.	v		ry	Doch	Chary Gard	New York								
- 1	1		U	Reading		WIND.				BAROME	ETER.	тем	PERAT	rui
Honr.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air. Dry Bulb.	Air, Wet Bulb.	Waterat
Α.	M. 1				J. E. by J. Jock.	Otest.	4-6			29.84	19	16		

			D P		WIND.				BAROMETI	ER.	TEMP	ERAT	URE.			Hear Other	2.0
Hour.	Knote.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Tin inches. at	her.	Air. Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	State of the Ne
A. M.				J.E. by J. In Dry Dock.	Otest.	4-6			29.84	19	16			0.0.9	cum.	0	
2				1		4-6			29.861	8	15			b.c.q.		2	
3					CH. J. CH.	4-6			29.881						Cir.cum	. 8	5
4						4-6			29.88 1					6.9	none	10	
5						4-6			29.92					.,		10	
6					Ot est.	4-6			29.94								
7					Net.	3-4			29.98					bom.q.			
3						3-4			30.012					"			
9					Of of St.	3.5			30.042					b.c. q.		7	
10					A 21.	3.5			30.062		-			b. 9.	nme	10	100
11						3-5			30.08 3					b.c. 9.	eir.	8	
Noon.						3-5			30.09 3	30	24					8	
																-	1

0 ,
0 ,

. м.									
1	86. by 9.	194.	3-4	30.09	30	24	b.a.g.	circum	7
2 .			3-4	30.09					8
3		Q1. N. W.	8-4	30.09	29	25			8
4		-	4-6	30.09	26	24			8
5	•	At Ch. by A.	4-5	30.15	24	22			7
6		0	4-5	30.18	24	20			7
7			4-6	30.19	21	19	,		8
8			4-6	30.21	21	18			9
9			4-6	30,23				strat.	8
10			3.4	30.24	20	17	l.g.	none	10
11			3.4	30.24			"		10
Mid,		7-1	3.4	30.23		Control of the last of			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mednight to 4 a. M. ... Overcast and cloudy to cloudles. Cold. Moderate to fuch breyer in aqualler from West to W. N. M. ... Ensign On Ja.

From 4 to 8 a. M.

Clear to cloudy and cold. Squally. Gentle to fresh hery from (4 & 64, Chest and Not. Baronetw rieing barried ont morning orders. Elvity men returned Jeff Ellsworth Cox, J. ander, Th. book 4 class, returned from leave.

From 8 a. M. to Merido

From 8 a. M. to Merido

Obeather clear and cold. Gentle to stiff breeze from M. N. H. to N. H.

Baroneter presing. The following Chang Gard workness engaged in braid In Engineer Dept. Heading boiler maker; I boiler maker; I would make helper if maker helper: In bastinetin Dept. 1 plumber; helper; 2 carlkers; 15 shippinghts. A horse and cart with cral fell into the dark

Wis Whitelery

Level Ordered to 4 P. M.

From Oreins to 4 P. M. Clear and cold Moderate to fresh & Offy breezer Finished taking coal from the Yand having received 5 tone The following workness employed on board; in Construction of plumber; A layer; of ballery: 15 shipporable; I under shipfitte; in Steam Enquering; I machimite I leading man; 2 boiler maken and I below a Board of Turry of which bonumented Berry was serier member, surveyed certain articles in Equipment.

asho sale Eneigh Qu. J. M.

Baronete rieng, Walter clear Moderate to feel been in equally from Ch. N. M. to N. Ch. by S.
Baronete rieng, Walthuteley . Sintervant N. S. R.

From 8 P. M. to Phid. Chear to cloudless and cold Gentle & Phy. heyer.

at Findale Eurign Q. J. O.

Examined and found to be correct.

Regues It. Gal. Xarigator.

LOG of the United STATES Ship Essex. In Dry Dock, Wary Gard, Rew York.

Third Rate,

			Reading		WIND.				BAROMETER.	TEMP	ERATURE.			Clear 10ths.	o.Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther. in inches. att'd.	Air, Dry Bailb.	Air, Wet Bulb. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C	StateoftheSe
. M.				J. E. by J. In Dry Dock	NOt. by on	3.5			30.25 19	16		b.g.	none	10	
2				. /	1	2-4			30.25-19			,	1	10	
3					•	2-4			30.25 18					10	-
4				,		2			30.26 18	15	•	b.		10	
5				1	1 "	2			30.27 19					16	1
6					Ch. All.	2			30.27 18	16		bc.	cir. etia	48	-
7				4		2			30.29 18	16			17.11	8	1
8					Ot est.	2			30.30 2				cir. oum	. 4	1
9						3			30.3223					#	
0					W.1.20.	3			30.3229	23				5	-
1						2			30.3232					5	1
on.					wsw	3			30.3032	321				4	1

Course and distant	ee made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	0	, ,		
	Longitude by D. R.	0	, "		
Position at Noon:	Latitude by observations of ②	•	, "		
	Longitude by chronometer from Forenoon Observations of O		, "		
		0	, ,-		
Position at 8 A. M.	Latitude by	0	, ,		
	Longitude by				
Position at 8 P. M.	( Latitude by	0	' "		
Position at 8 P. M.	( Longitude by	•	, "		
Current during the	time, knots tenths per hour, setting to the				
(Error of the Comp	ass by Azimuth O observed at , ship's head	0 -	,		
Deviation of the C	ompass by Azimuth O observed at , ship's head		,	variation used,	0
	ass by Azimuth ⊙ observed at , ship's head	0	,		
1		0	,	variation used.	0
	ompass by Azimuth © observed at , ship's head	.2	50 gallons.	CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	
7.	aring the preceding 24 hours,		Jo "		
Water Burn	during the preceding 24 hours,	-	00		
Water remaining of	on hand fit for use at Noon,				
Coal consumed dur	ring the preceding 24 hours,	\ tons, \	060 lbs.		
Coal remaining on	hand at Noon,	8 "	197 "		

and the same of th								
P. M.								
1	SE by 8	w.S.W.	2	30.26 33 33	fe	6ir	4	
2			2	30.23 3634			6	
3	<b>.</b>		3	30.213735	6	Nous	10	
4			2	30.19 37 35			10	
5			2	30.223634			10	
6			1	30.223634			10	
7			1	30.2234 31		4	10	
8			2	30.2134 31			10	
9		WEEK	2	30.183431			10	
10			- 3	30.1633 30			10	
11		,	3	30.15 33 30			10	
Mid.			2	30. 15 33 30			10	

Commander E. T. Strong Faturday , February 22 , U. S. Navy, under the command of , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Midnight to 4 a. M. bleav and cold. Light to stiff buy in squally from s. Dr. by N. Steady barometer. L.m. name Eusign Q. J. Ok. Orom 4 to 8 a. PM. Chather clear clouding up toward end of water Light breeze from CH N Ch to Cheek. Barometer nieing. At public dressed ship with runger at most bread. Received in Dept. of Eupplie and accounts 36 lbs of bread. Wis Whiteley Leutenant De & G. From 8 a.m. to Meridian Jan and cold Scarle Westerly to WSW !! here By oran of Communing officer I the Isluent of the 12 m "Class of man sultraily of the source selected of the 12 the source of the 12 for the 12 form have Jand 1850 gallous flesh coater for Corking and drinking and 5100 gallous of fell boiler at from a Salute of 11 Jeure Was furn from Jand batter of 161 fell boiler at from a Salute of 11 Jeure Was furn from Jand batter of the MIST. Demunati aft the Navy Just. Knilodale Eusign DSN. from WSW, falling baronefer. Berived in Department of Supplies and accounts flish provisions as follows 45 lb feef 45 lbs vegetables. From Meridian to 4 P.M. 6 L. monayue Olsign DIN.

From & O'M to Midwight.

From 8 Pm to midnight Clear and cold Gentle W by turge falling barometer. In no name ON.

Examined and found to be correct.

Pages St. Galt Wall Navigator

LOG of the UNITED STATES Ship Essel 3" Rate,

			Reading		WIND.				BAROME	TER.	TEMP	ERATU	JRE.	State of	Forms of	Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Ballb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of (	Stateofthe
A. M.				SElyf	WEX	2			30.16	32	29			fe	Ow	9	
2				. 0		3-11			30.18	31	29			tog	"	9	
3					Sw	3			30.13	31	29					9	
					1	3			30.10	31	29			6	none	10	
5						1			30.09					te	Cir	8	
6					Swhyw	2			30.09					bem		1	
7						1			30.09						On Cue	5	1
					wsw	1			30.09					,		5	
8					Su	3			30,11	41	36			te		9	
9						3			30.11							9	
						5			30.69	43	42			tem	Qui	5	
11						1.2			30.08	48	41					1	
loon.		-															1

Course and distance made good since preceding noon by observations,	knots,	tenths.		
(Latitude by D. R.	0	, "		
Longitude by D. R.	o	, "		
Position at Noon: {	0	, "		
Latitude by observations of O			2	
Longitude by chronometer from Forenoon Observations of O	0	, "		
( Latitude by	0	, "		
Position at 8 A. M. Longitude by Longitude by	•	, "		
	0	, "		
Position at 8 P. M. { Latitude by Longitude by				
(Longitude by	0	, "		
Current during the time, knots tenths per hour, setting to the				
( Error of the Compass by Azimuth ⊙ observed at , ship's head		,		
1	0	,	variation used.	,
Deviation of the Compass by Azimuth O observed at , ship's head			variation used,	
Error of the Compass by Azimuth @ observed at , ship's head	0			
Deviation of the Compass by Azimuth O observed at , ship's head	0	,	variation used,	,
Water expended during the preceding 24 hours,	,	300 gallons.		
Water during the preceding 24 hours,		P		
Water remaining on hand fit for use at Noon,	, ,	100 "		
Coal consumed during the preceding 24 hours,	1 tons,	660 lbs.		
Coal remaining on hand at Noon,	6 "1	167 "		

P. M.	00 0 0	0 - 4			, , ,
1	SE ly 8	Shelyw	2	30.025151	bembreum 6
2			3	29.99 53 53	. Cum. 3
3			3	29.9553 53	
			3	1994 52 53	bemp think 3
5			3	39.91 5050	ted. 2
6			2	29.90 50 50	te. 1
7	,		2	29.89 50 49	, , ,
8	~		2	29.89 50 49	/
9			2	29.81 49 49	
10			2	29.87 48 47	Que &
11	4	WEst	2	29.81 41 45	, , 5
Mid.			2	29.87 46 45	/

under the command of Commander & T. Hong. , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Midnight to 4 a. M. Clear and cold Dight to gruth burge with moderate squalls from W. to S. Barone En falling Jakfmann, Larux Euran DSN. from it to 8 a. M. find and cool Bight Siv & airs and hurges. Received on Pay Department for essent a crew of los fresh hers Research from Many Jana 200 gallow fresh works.

RXVisd RAViodale Elizign USN From 801. m to Mendian Clear and pleasant Gentle to stiff burge from S.W. decreasing in forces to light airs near End of whitch, Barometer falling last half. Had quarters at 9.30, a. Bloven (9, mrd.) I'm name OSN. From Meridian to & P.M. Pleasant and haze first part light passing shown last how of watch. Bight to grath burge from Siby is Business falling Jufordam. Druxenant. D.S.N. From 4 to 80 m. Cloude and Cool light drippling win first how. Falling barometer Fruth to light burge from Sw by W. Im name Eusign DSN. From 8 OM to Midwight lear au pleasant Light truge from Sway to. Burnuter falling them steamy. Jelfordan Loudenant DSN. Examined and found to be correct. Roger Alfalt. Wall. Navigation

LOG of the UNITED STATES Ship Essel 34. Rate,

-	1	1	1		WIND.	0			BAROMI	TED	TEM	DEDAT	TIPE .			14	d
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches		b	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	StateoftheS
A. M.				SELy8	West	2-5			29.86	41	46			beg.	Nin Que	,	
2						2			24.26	46	44			be	4	6	
3						1-3			29.84	41	12				ann	6	
					Calu	0			29.82	43	41				4	5	
5					WEX	1			29.83	42	40			,		5	
6					Way N	2			29.83	42	41					3	
-						2			29.84	43	42			bem		2	
8						2			29.87	43	44			4		2	
9					West	2			39.86	49	48					3	
10						2			29.87							3	
11					,	3-4			39.86					fe		5	
Noon.						3-5			29.87					,		5	
												-					1

Course and distan	ce made good since preceding noon by observations,	knots,	tenths.	
	Latitude by D. R.	0 '	"	
	Longitude by D. R.	0 '	"	
Position at Noon :	Latitude by observations of ②	0 '	"	
	Longitude by chronometer from Forenoon Observations of O		"	
	( Latitude by	0 ,	"	
Position at 8 A. M	Longitude by	0 ,	"	
		0 ,	"	
Position at 8 P. M	Longitude by		"	
Current during th	e time, knots tenths per hour, setting to the			
Error of the Comp	oass by Azimuth O observed at , ship's head	0 '		
Deviation of the C	Compass by Azimuth O observed at , ship's head	0 '		variation used, °
Error of the Comp	oass by Azimuth O observed at , ship's head	0 ,		
Deviation of the C	Compass by Azimuth O observed at , ship's head	0 ,		variation used, o
Water expended d	uring the preceding 24 hours,	30	gallons.	
Water	during the preceding 24 hours,		"	
Water remaining	on hand fit for use at Noon,	240		
Coal consumed du	ring the preceding 24 hours,	1 tons, 16	O lbs.	
Coal remaining on		5 160	1 "	

						TRANS.		
P. M.	0	, , 0			-	ann		
1	SE by 1	Ways	2	29.86 51 52	be	Wint	/	4
2	/		3	29.85 51 52				
3			3-5	39.855454	fogm	Or aun	5	
4		4	3.4	19.8452-51			8	1
5		NIV	24	29.83 51 48			5	
6		NrbyN	3-1	29.83 48 45		Cunt	3	
7			3-4	59.854543			3	
8			2	29.86 44 42	tem	,	24	1
9		AW	2	29.88 44 42	,	& Cum	3	
10		MAST	3-5	29.88 42 40	teg	Mint	2	
11		,	2	29.89 40 38	te		9	
Mid.			2	39.88 40 81	4	Cir aun	8	

under the command of Commander E. T. Hing. , U. S. Navy, Monday, Frebruary 24th , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and Natil 4 a.m. Cloudy to fair, squally first how. Calm to fresh huge from West. S, Luffendrum DST. From 4 to 8 a. M. Oloudy and hazy light W 4 airs to light burge from Wby N. Rising taigneter Becomes in Deputshent, Sufficient accounts 41/4 lb tref 41/4 lb Vegetable By Class W. D. Waldman Wumen from traor L. m. namee Jom & a m to Meridian with moderate to Steff squalle from West, Carmeter Steady, It g. 30 meet and at qualter of Colonia 2. michael about without care, W. Clonia (2010 20 las) Mund on Fraid, Johans sertius, The filming Copenage about withing Character about withing Character about withing Court at 18. W. Denator W. D. Batter W. P. Barritt J. Clarice Fraid W. D. Grand Co. C. Claus, Q. Cotatin B. W. Donaldow, G. De Caul F. Eligood, W. Princh W. W. Gregard E. Hold J. Handritt, L. F. De J. J. yer G. Copena, B. G. Moore, J. Morel, J. Marin G. Perto W. W. Powers P. Requisit B. Whitmian C. Gehrman & Mru from Construction Department, and J. men in Steam Expension Department ax work in board from W by S. J. Marin Pops 3 class and W. O. Barret Coppe seas ) whenever from W. A. Marin Pops 3 class and W. O. Barret Coppe seas ) whenever from and recessary papers M. P. Bomey (sps. 3 cl.) "as E. O. Schrieber (afget 3 class). Tuncal into Store in Copyright of Separtment Maineail, for fore topsail, maine topsail, the fore topsail, maine topsail, than Copyright of Machinester and receptor, suggest fraing topsail, before Machinester and receptor, suggest fraing total maker, boils, maker, and we for the Machinester and receptor, suggest fraing total maker, boils, maker, and we for the State of t P.M. Dear tweather hazy around horzon Light to greatly berge with mount Thom 4 to 8 c. equally from N.W. to N.W. by N. Bars moter steady then ricing The following apprentione buturned on board W. W. Sardury & linus late & Superus + C. Walrum N/2 hours late & Chamber Jordan, lin of 1/3 hours late. I Joyce and W. a. Powers s/2 hours late. Them 8 CM & Midwight district has clear last has Squally at times Light to remained and sound to to correct. Sift burgs from NW we NWW. F. E. Ethipood Papps el Withward from laver 8/2 hours overland. Lorent Euran XOM. Progras Kalt Chartenant Del Bargaton Nath

LOG of the UNITED STATES Ship Essel

3 Rate,

					10				0								
	1		Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.			Hear other	e Sea
Hour.	Knots.	Tonthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sec
A. M.				Stelys	N.N.W.	32			29.89	40	37			teg	Gun	5	
2					4	3-5			29.90	38	35					5	
3				,		3-5			29.90	31	34			reg	"	0	-
						1.6			29.90	31	34			teg		2	
5						5-6			29.90	32	31			"	4	3	
6					"	4-6			29.90	30	29			,,	,	,	
-						4			29.92						,"	7	
8					North:	4			29.94					be	Str	- st	
9					nnw	46			19.95	32	30			teg		5	
10						16			29.96.	37	30					5	
11						4.5			39.94							1	`
Noon.				•		4.5			2997							1	

Course and distant	ce made good since preceding noon by	observations,	knots,		tenths.			
	(Latitude by D. R.		0	,	"			
	Longitude by D. R.		0	,	"			
Position at Noon:	Latitude by observations of O		0	,	"			
	Longitude by chronometer from Fo	orenoon Observations of O	0	,	"			
	(Latitude by		0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
			0		"			
Position at 8 P. M.	Latitude by			,	"			
,		r hour, setting to the						
Current during the	e time, knots tentus pe	r nour, setting to the						
( Error of the Compa	ass by Azimuth O observed at	, ship's head	0	'		•		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	,		variation used,	0	,
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used,	0	
Water expended du	uring the preceding 24 hours,			500	gallons.			
Water	during the preceding	24 hours,			"			
Water remaining of	on hand fit for use at Noon,		19					
	ing the preceding 24 hours,		/ tons.	160	lbs.			
Coal remaining on			4	1	"			
com remaining on	mand at 1100m,							

P. M.							
1	JE by 1	NW	21	29963725	fe	burn	9
2		NWbyr	2_1	29 96 36 25			9
3			2-2	29.96 83 25			9
4		V NW	2-4	19.95 32 24			9
5			5	19912923			9
6	,		45	29.91 21 22	8 9	none	10
7	,		2-5	29.98 25 20	,		10
8	,		3-5	29.99 25 18	4		10
9			3-5	30.00 28 16			10
10	,		3-5	30.0022 15			10
11	*		2-11	29.97 21 15		,	10
Mid.			1-3	29. 96 21 15		•	10

under the command of Ammaudo & Frong , U. S. Navy, Tursday, Frebruary 25 th , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. from N. N. M. Baromer Stady Sters in boils to for heating ship. WBWhillsey Wall DSN. From 4 to 8 Q.M. Clear and cold slift to moderate burge with fresh squalle from 1 N W to N. Barometer Steady thin using, Revived on board in Department Supplus and Decounts 116 the fresh burst, E. E. Hill app 3 class) returned on board. Jordan, From 8 O.M. to Meridian for to clear en Cold Squally Miduale to frish huge from n. n. w. at 930 musters at quarter Pleaster W. B. Berro. O. Nobland. D. Ouster B. W. Nobaldson G. D. Camp W. French F. Houderlet L. F. Ja. B. G. Morn. G. Peter P. Regnin and C. S. Whiteman, sell apprehenting Stage Class J. Merrell (App. 3 to elas) Lacuteman DSN. situred from bear of house obstine Inspected appendices bage and took clothing lists Mary fand working abook on brand as follows, in Construction Department outsich Ships fetter, melon, arilla, melon, Elembre and so Superinted in Stram inguising Department & machineste / helps, & higgers, lacoung tribe, maker, brile maker, hulps, o Coppe swith Command to A . Weather clear, doubt to moderate trage from A to 12 2 ft. Buther clear, doubt to moderate trage from A to 12 2 ft. Buther clear, doubt to moderate to the Ships days as home vertices the survey legging The following Many Yand conserved harded in braid on Construction Department of the last his fifter the for soilly in helper to the partment of leading to its maker ? toils maker ? From Meridian to APM. WBWhiteley From it to 8 P.M. Bles and cold Squally South to stiff hurse from it is in.
New Yard conserved on tour salver as last evalor justed it is Transferred
their prairies with bags and have make to as B. B. J. Jegund 94 approvative is to
class. b. Laby Executive W. S.P. From 8 I'm to midnight Weather clear and coes hight to stiff truss in squaller from n. n. w. Barometer felling. There in triller a for heating ship ... W.B. Whiteley W.B.Whitslery H.D.D. Roger H. Herry Lew H. Wargaton Examined and found to be correct.

LOG of the UNITED STATES Ship Esser

3 Ch Rate,

			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.			lear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.				SEly 8	n.n.w.	13			2991	,,	15			+	now	10	
2						3			29.95	20	15				"	10	
3					,	2			29.92	20	15			,		10	
4						1			29.90	20	15					10	
5					Calm	0			29.86	19	15			bem	ster	0	
6						0			2984	19	N				nie	- N	
-						0			29.83	19	16					1	
s						0			29.84	20	11			tems		0	
9					East	1			29.83							0	
10						2			29.81						"	0	
11					888	2			29.79							0	
Noon.						2			29.76							0	

Course and distance made good since preceding noon by observations,	knots,	tenths.			
(Latitude by D. R.	. 0	, ,,			
Longitude by D. R.	0	, ,,			
Position at Noon: { Latitude by observations of O	. 0	, ,			
Longitude by chronometer from Forenoon Observations of O	0	, ,,			
	0	, ,,			
Position at 8 A. M. Longitude by	0	, ,,			
	0	, "			
Position at 8 P. M. Longitude by	0	, "			
Current during the time, knots tenths per hour, setting to the					
(Error of the Compass by Azimuth O observed at , ship's head	0	,			
Deviation of the Compass by Azimuth O observed at , ship's head	0		variation used,	0	
(Error of the Compass by Azimuth ⊙ observed at , ship's head	0				
Deviation of the Compass by Azimuth O observed at , ship's head	0	,	variation used,	0	,
Water expended during the preceding 24 hours,	H	400 gallons.			
Water during the preceding 24 hours,					
Water remaining on hand fit for use at Noon,	15	00			
Coal consumed during the preceding 24 hours,	/ tons, / 2 8	60 lbs.			
Coal remaining on hand at Noon	2 . 8	47 "			

Р. М.						0	
1	SE by 8	88	2	29.10 23 22	oes	New	0
2			2	29.69 25 23		1	0
3		. 898	2-3	29.69 25 23		"	0
			2	29.67 25 24		4	0
5		E by 8	2	29.68 26 25		4	0
6		East	2	29.672725			0
1			2	29. to 25 23			0
8			2 .	29. 70 2523			0
9	"	18 646	1	29. 12 26 23			0
10	"		1	29.73 26 28	00	À	0
11		"	0-1	29.74 27 24			0
Mid.		18	1-2	29.762824			0
							-

under the command of Commander & Trong. WEdureday, Personary 26 % , U. S. Navy, , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Midnight to 4 a. M Bloudfree and cold First a turge to light air from M. n. w. Momlight. RASistale RP! Elisign WOSN. From to 8 a. M. Clear at first, vocused with light snow last hour, Calculated out morning others. Debuty men vetured, W. February Opps 3 class whenhad from have to the sour vocations Received in Part Legal must be hurar, 55 lb regelaters, and 28 lb peak. J. Ading Courtenant W. 1. From 8 Q M to Meridian.

Description overant cloudy and snowing, Dight win to light breeze, from East to B. B. Bermeter falling. D. French Ages 3 cases ever tradepoint lumporarily to the removing slip J. Edward M. W. returned from trade, Otherwood on modulation Depositioned 3 gallone Boot to figure. The following Many Gard workness and ages on board. In Coyal tention Depositioned 1 of silve Ship grif lite. In adjunct Depositioned to Machined band a herspere, & Ruggers, & Steam filter & sheepen, heading toolor machined band a herspere, & Ruggers, & Steam filter & sheepen, heading toolor machined band a herspere. maker 3 briller makers and v lirepris. WBWhilelorg From Meridian to 49 m Ormat cloudy orld and surviving light of Ely bruge M.F. Bate Capp 3th class) inturned from leave 5 ; hours vorthing Wangherna the Saint temporarily to the Wol Rolling Vermont with bag and havened Thensfuled to the Naval Ropethe Brookly & Welsch (Cook a was) The following hay face workness in played and info in Con. I willed hip title helps of duller helps and withing to this ingles in I have a filler the print water, I will make the print maker, I will make the print maker the Roshalde Flow 4 to 8 PM. Weather overest cloudy and surviving Bight Herze from Eky I to East. Baronto cherry. Walking WBWheeley DSP. Gen 3 Pm to Midnight Orreast cloudy and cold Bight NE Gain Ro Tiodale Examined and found to be correct. Porgram Alest Dell Navigator

LOG of the UNITED STATES Ship Essel

Fr. Rate,

			1		00	/		(							4	
	Reading		Reading		WIND.				BAROMI	BAROMETER.		ERATURE		Forms of	Clear 10ths.	. Se
H N L L L L L L L L L L L L L L L L L L	of Patent	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb. Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of C	Stateofth		
A. M.				SE by 8	48	,			29.10	829	25		re	Que	0	
2					"	1			29.80	28	25			,	0	
3						1			29.80	28	24				0	
					18 Ly &	1			39.80	27	24				0	
						0-1			29.80	27	34		"	001	0	
6						0-1			29.82	-31	24				0	
7					18	0-1			39.24	28	24				0	
8						0-1			39.89	29	26				0	
9				,	Calin	0			29.91						0	
10						0			29.92	32	31		oem	Klint	0	
11					Stuly 20	,			29.93	35	35			4	0	
Noon.						1			29.92						0	
										-						

Course and distance	re made good since preceding noon by observations,	knots,		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ②	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
		0	,	,,	
Position at 8 A. M.	Latitude by	0	,	"	
	(Longitude by		,	,,	
Position at 8 P. M.	Latitude by Longitude by	0			
	( Longitude by	•	'	"	
Current during the	time, knots tenths per hour, setting to the				
Error of the Compa	ass by Azimuth O observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head				variation used,
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	. ,		variation used,
	ring the preceding 24 hours,	6	200	gallons.	
Vater Vater	during the preceding 24 hours,				
		1 2	00		
	n hand fit for use at Noon,	,	,/		
	ing the preceding 24 hours,	/ 2- / tons, 2 "/	127	Ibs.	
Coal remaining on	hand at Noon,	1 "/	1/	"	

Р. М.						0		
1	SEby f	Iw.	1	29.91 39 41	tem	Collen	2	
2		,	1	39.91 39 45			4	
3		864E	1	29.90 59 41			5	
4	,	116	1	29.90 38 38			7	
5	•	,,	1-2	19.903737			6	
6	"	South:	1-2	19.90 36 35		,"	8	
7		Calen	1-0	19.913534		buen	9	
8		Calen	C -	39.923634			7	
9		1.	0	29.923735		6	9	
10	•	Swayer	1/	29.93 37 35	1.	26.	7	
11	•	"	1,	29.95 37 35	Fm	tocc		
Mid.	•		1-0	29.9.43634		-	A	
							The state of the s	

under the command of Ommander & P. Frang Thursday, Frennang & July , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and Metil & a. M. Ofreast and cloudy, Cold. Right airs from WE to ME by E. Strady bassourt. d. m. name Ensign OSN. Fum I to 8 a.m. airo, from ME by to S.E. Baronets living. Desire in Department of Suppliero and accounts soll Fref, is the organistic and 28 the of WB. Whiteley OSD. From & C.M. to Mindran Dourse and cloudy, but seen shiring through cloude balen and light Sky yours I'm following Many feel contenur unfloyed on board in Ornstruction , valid shipfitter , bushoward & Ship coughts, in Steam Lymen was thereing madeurate , ruggers , heepers , leading brils maker , Strils makers , brefine Regional manural regges respond beland of its maket winds majores inspire Report in brush in Sparking by Sanders in Store Delandor of Especial of the Course for Staming Covers we be thered in Store Delands of Especial Standard of Especial Standard Construction for sparket standard Olign DSN. Many strang Briver and sour for light air from SW to SE by E Brimits.

Many strang Briver and sour for water tank for gallows first coats figuristed in Egainformat Department of the traces of fit devery light there is for take for take store to be to expressed in Egainformat Department of the telliand. Thurseless at the total legion leght Thamfeired to the I have the will hap had manuscranger the series to the first in British British of the surface of the series of the ser From Meudian to 4 P.M. and under top gailant formastle. L. mo name Floury to 8 P.M wakeure left the Ship at 430 Bight runnlight a should Gen 8 In to Midnight aux Cost light air from Sway Wave calino, Resing baroneder at 10 Octob Slufted fine from boiler B to boiler a. M. grammed and found to be correct. Ousign DM. Rogers H. Galt, Bertenew D.M. Storeger D.S.M.

LOG of the UNITED STATES Ship Essel

Sate,

Reading		Reading		WIND.				BAROMETER.		TEMPERATURE.		State of	Forms of	Clear Oths.	e Nea		
H W P Of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	dard 9	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se			
A. M.				SE by 8	Calm	0			19.93 19.93	36	34			6m	-	10	
2						0			29.93	36	34			vem	Com	7	
3						0			29.93	36	34				Bunker	4	
					2".	0			19.93	336	34		1	,	"	4	130
					East	1			29.94	35	33		18.5		"	5	
6						1			29.95	-34	31			tel	"	3	
-						1			19.95	-33	31			def		0	
8						1			29.94			+		09	_	10	1
9					Caleur	0			29.94	36	36	1		ref	-	0	
10						0			29.94	36	36			.0		0	
11						0			29.9×	36	36					0	
Noon.						0	-		2994	136	36	-				0	1
200									1	100						-	1

Course and distant	ce made good since preceding noon by observations,	knots,	tenths.		
	Latitude by D. R.	0	, "		
	Longitude by D. R.	0	, ,,		
Position at Noon:	Latitude by observations of ②	•	, ,,		
	Longitude by chronometer from Forenoon Observation	ons of ⊙ °	, ,,		
,	(Latitude by	0	, ,,		
Position at 8 A. M.	Longitude by	•	, ,		
	( Latitude by	0	, "		
Position at 8 P. M.	Latitude by Longitude by	0	, "		
Current during the	e time, knots tenths per hour, setting to	the			
(Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's he	ad		variation used,	6
Error of the Comp	ass by Azimuth O observed at , ship's head	0			
Deviation of the C	ompass by Azimuth © observed at , ship's he	ad		variation used,	0
Water expended d	uring the preceding 24 hours,	,	Soo gallons.		
Water Pageros	during the preceding 24 hours,	17	25		
Water remaining of	on hand fit for use at Noon,	26	25		
	ring the preceding 24 hours,	tons,	900 lbs.		
Coal remaining on		2 "	->>1 "		

				Design Color of the last of th				
P. M.	JELy P	South	,	2994 52 64	tem	bun	2	
2			2	29.92 52 54	oem			
3		188	23	29.915151	oc	sint	6	
			1-3	29.90 50 50				
5			2-3	29.90 49 49			0	
6			1	29.90 49 49			0	1
7			1	29.89 48 47			0	
8			//.	29.89 48 47			0	
9			2-4	29.89 48 41	009			
10			21	29.88 48 47			0	
11			3-5	29.87 49 48			0	
Mid.	4.0	,	2-4	29.86 49 48	dedg		0	
					/			

under the command of Tommander & Strong , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Hom Meridian to & Ollow overhead hazy around horzan balu. Jelfordan Logentenant WSn. Thomata & am Light Easter wis . Ourseld in Cay Department for issue to core .
The following first provisions, 35 th free is the Regulation and 27 th. of Head. R& Sindale Erisign DSn. Gum 8 am. to Meridian Many Jard Workman Engage on Fouch are Jolling Change & Charles of Defait must a outside Shipfetters hulpris 15 Shipeorights 6 6. Bachellos Machines and P.R. Rolm Pauls I delivered from Crass. From Meridian to 4. J.M. Soundy wrather threatening rain Light airs to gent the brigg from Sto 1. E. Bernetter falling Europea in getting aboard and writing off arm get 1. E. Bernetter falling Europea in getting aboard and writing off arm get 1 deposite in Eglishment Deposit must the top fit balkade I then top gallout haliands I then top gallout made they be south of you top gallout haliands I then top gallout made top in momentally a main top gallout man top gallout man top gallout man top gallout man top gallout have to main top gallout lifts, faring in Construction Otpail must be been I main top gallout lifts, faring in construction Otpail must be the State of the B. Verman, with hops haumans and increases papers I wood (Bmiel) I source, with hops haumans and increases papers I wood (Bmiel) I source, left most class and have and history papers Affred January Calloud (Ra) and that will be sourced from the sign of the must be supported by must be supported from the supported for must be supported from the supported for must be supported from the supported from the supported for must be supported from the supported for must be supported from the supported from the supported for must be supported from the supported for the supported from the supported for the supported from the supported for the supported for the supported from the supported for the baronates. Many fund Workinger Europeloy Ea on towned till 4.30 no in L'Mo nauce Thun 3 PM's midnight. Oraced, cloudy, light displing lain last how of watch a Soft to gent le herry with moderate to stiff squalle from SS. E. Barmer & felling. Examined and found to be correct. Noza St. Galt Continued W. Sarigator

LOG of the UNITED STATES Ship Essel In Duy Down Navy Jaid 180 Jan 1.

3 Rate,

					4//	-		-						CONSTRUCTION OF STREET	7.	3
Hour.	Knota.	Tentha.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.  Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMI Height in inches			PERATUI Palling Wir. We	State of	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.
A. M. 1				18ky 8	118	35			298	47	47	,	ocqd	Bun	0	
2			1			3-5			29.18	49	48		ocg		C	
3					,	4-6			29.15				ocgid	-	0	
4						4-6			29.12				009/1	,	C	
5					18	3.7			29.69				,	Ninel	2-0	
6						3-6			29.68					"	C	
-					118	3-5	-		29.69						0	
8						3-6			29.10				ocarb		0	
9						3.5			29.10				ocyd		0	
10						3.5			29.69				,		6	
11						2-5			29.61				ocqu		0	
Noon.						3.4			29.67						0	13
														1		

Course and distant	ee made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	0	, ,,		
	Longitude by D. R.	0	, "		
Position at Noon:	Latitude by D. R.  Latitude by observations of ©	0	, "		
	Longitude by chronometer from Forenoon Observations of ②	0	, ,,		
	( Latitude by	0	, ,,		
Position at 8 A. M.	Longitude by	0	, "	•	
	( Latitude by	0	, "		
Position at 8 P. M.	Longitude by	0	, "		
Current during the	e time, knots tenths per hour, setting to the				
(Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	. 0		variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	o			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0
Water expended du	aring the preceding 24 hours,	32	gallons.		
Water	during the preceding 24 hours,		"		
Water remaining o	n hand fit for use at Noon,	13	ro "		
Coal consumed dur	ing the preceding 24 hours,	1 3 tons, 9	Too lbs.		
Coal remaining on	hand at Noon,	1 15	-67 "		

P. M.	0.0					74 :	
1	JE by 8	118	34	29.64 50 53	ocgv	Mul	0
2			3.5	29.705151	ocgv	4	0
3			3.5	29.68 53 51		4	0
4			3.5	29.685252	ocqu		0
5		SE by f	3	29.535150		1	0
6			3	29.475454		1	0
7	,		5	29.475354		,	0
8			3	29.485250			0
9			25	29.38 50 50			0
10			35	29.33 52 52		100	0
11			2	29.33 50 48	oevm		
Mid.			2	29.204841	oom	^	0

under the command of Januard & Johnson Gaturday, Gebruary 29 ch , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communes a Marif & a.M. Ornast with light dizzling sain first their hour Changing to bravy sain last hand squally. Guster to flesh ones from 1.8.8. Culmits felling. I hubfine 201. Overland cloudy Squally and rainy . Gentle to flesh burger in Squally from I & and & B. Buriors in Department Supplied from Sight fire and accounts flesh permission are follows flesh burg 35 lb., flesh Vigikabler 35 lb. Diead 28 lb. Flom 4 to 8am. Elisign W.S.M. Flom 8 am to Meridian Orus cloudy rainy Gutte purp with moderate to stiff squalle from S.E. Burnish felling thru strady, Pour off gran of manusal get down was manusal and trut it. Lower W.M. Stiff burge from S.E. Sust librity part, ou show, Many yard workenen as board has followed in Construction Department, 3 outside Ship feeter, Sheepers and I wills B, duby, Loutenant Din. from I to 8 M. Overeast cloudy, rainy Sutte to Stiff herge from I to by S. Baronetic faciling them living. Just oran J. Jordan Deutenand DM. How 8 P.M. to Midwight orwand an laining. Squally first heef. Right to stiff burge from I Ely S. Burmer's falling. J. B. duby, cuant RM. appeared Ex. Detrong W.S.N. Commanding.

Examined and found to be correct. Player Stalt. Dell. Navigation

LOG of the UNITED STATES Ship Essel 32 Rate, Navy Jan, New Yorks.

	•		Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Hear Hips.	e-Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balls.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				SE by S	SElys	3			29.33	48	46			ocm	Neint	0	
2						2			19.33	48	44			4	"	0	
3						2			29.33	48	41			be	6um	1	100
						2-1			39.33	48	41				* .	1	
5			11.17	1030		1			39.32					oem	Neint	0	
6						6-1			29. 34	41	46			ocd		0	
7					1.86	0-1			29.38					ocmp		0	
8					· North	1			29.39	+6	45			oem		0	
9					West	1			29.40						"	0	
10					1.20	0-1			29.39						"	0	
11					W.S.W	1			29.40	41	16					a	
Noon.				1.		1			29.40					ocam		0	
																-	1.

Course and distance mad	le good since preceding noon by	observations,	knots,		tenths.			
/ Lat	itude by D. R.		•	,	"			
Lon	gitude by D. R.			,	"			
Position at Noon : Lati	tude by observations of ⊙		0	,	"			
	gitude by chronometer from Fo	orenoon Observations of O	0	,	"			
( Lati	tude by		0	,	"			
Position at 8 A. M. Lon	gitude by		0	,	"			
( Lati	tude by		0	,	"			
Position at 8 P. M. Lon	gitude by		0		"			
Current during the time,	knots tenths pe	r hour, setting to the						
( Error of the Compass by	Azimuth O observed at	, ship's head	0	,				
Deviation of the Compas	s by Azimuth O observed at	, ship's head	0			variation used,	0	
(Error of the Compass by	Azimuth ⊙ observed at	, ship's head	c	,				
Deviation of the Compas	s by Azimuth O observed at	, ship's head	0	,		variation used,	0	
Water expended during t	the preceding 24 hours,		3	00	gallons.			
Water	during the preceding	24 hours,						
Water remaining on hand	d fit for use at Noon,		20	000				
Coal consumed during th	e preceding 24 hours,		tons, 9	900	lbs.			
Coal remaining on hand	at Noon,		1 6	66;	1 "			

1
9
4
4

under the command of Commander, E. Hing. , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communes to A V. M. Weather overlast and cloudy, South to light burge from Stoly S. Barometer Stray. WBWhiteley Courtenant Most M. From it to 8 a. M. Orwast, cloudy might Passing Showns and diggling sain fust past of watch Dalin and light and from Suppliers and Orcounts, to the break. John man. Lorent W.S.N. Grow 8 a.m. to Meidian Orneast and misty saining last how. Balen to light airs from West, noward 10 8 W. Descharfed by function at his own regular and according to Buran of Nating stitus order of Termany? 2.0 martin Ship Cooks and class. S, Life Trunat 10 1. From Maidian to 4 S.M. Weathers overeast clowery and raining last how of water. Caun to light burgs from M.S. W. to W.N. W. Burgust. Study. W.B. Whiteley D.Sn. Gight to Stiff burger from Na was Wa. It. Luby. Them & P.M. to Manght. Weather overest clouds and saint more to light more from No to No, W. Barometer weight Fraction plant to light winds. Master at Union Change for Frang anus and smuggling again about the plant to weat action of commanding office. W. A. Whuiley Coll Examined and found to be correct. Roger H. Galt Boll Havigator

LOG of the UNITED STATES Ship Essel

3ud Rate,

			1		00			-									
			Reading		WIND.				BAROME	ETER.	TEM	PERATU	JRE.	State of	Forms of	Hear other	e Sea
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				SEly P	16. W Nrby N	3-5			39.54	38	35			regs.	Com	0	
2					Norty	3-6			29.50	37	34			"		0	
3						3-5	-		29.56	36	34			4		0	
4				"		46			19.56	35	33			1		0	
5						4-6			39.61	35	33			,		0	
6						21			39.64	32	30			,		0	
7						3-5			9.64	32	30			,		0.	-
8				,,		3-4			29.65	30	29					C	
9						3-5			29.64	32	29					0	
10						3			19.66	31	30					0	
						35			29.65	34	33			tog	6 um	3	
11					,	46			29.65	33	31			"	-	45	
Noon.						1			1.00								1
							-		1		-		-	-	-		-

Course and distance	e made good since preceding noon by	observations,	knots,	tenths.		
	(Latitude by D. R.		0	, "		
	Longitude by D. R.		0	, "		
Position at Noon:	Latitude by observations of O		0	, "		
	Longitude by chronometer from Fo	orenoon Observations of ②	•	, ,		
	( Latitude by			, , ,		
Position at 8 A. M.	Longitude by		0	, "		
			0	, "		195
Position at 8 P. M.	Longitude by		0	, "		
Current during the		r hour, setting to the				
	ass by Azimuth O observed at	, ship's head	0	,		
-	ompass by Azimuth O observed at	, ship's head	0		variation used.	0
	ass by Azimuth ⊙ observed at	, ship's head	0	,		
}	ompass by Azimuth © observed at	, ship's head	0	,	variation used.	0
	ring the preceding 24 hours,	, snip s nead	;	oo gallons.		1.
Water	during the preceding	a. houre		. "		
	hand fit for use at Noon,	24 nours,	- 18	00 "		
	ing the preceding 24 hours,		tone 9	goo the		
			" 10	900 lbs.		
Coal remaining on	nand at Noon,			/		

P. M.	I Eby I	A. Wby W	3-6		20/1	4241	4-0-0	bir bu	7	
2	o ougs	The state of the s	3-6 34		29.64	3432	teg	bir for	-6	
3		N. W. Ly N.	16	- 1	29.61	3231			7	į
4		,	46	1:0	29.61	3120			7	
5	To No.		11-1	1	39.64	3120			5	
6	,		4-1	-	29.64	30 27			5	-
8	"	,	5-8			2926			8	1
9			5-9			28 25			1	-
10		4	5-9	1 2.0		27 25		,	6	1
11			5-8	100	29.64	26 24			5	1
Mid.	1	*	5-9	100	29.64	26 28		1	4	1

under the command of Omnander & Strong Monday, March 2 , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Moderate to fresh N. is is burge in Squarts. Rh. Fisdale Eneign W.S.N. From to 80 M. Overeast and Gold with heavy snow. Gentle to fresh burge from NW by M. Baromite Mining Shorty Library new Intumed. Received in Ony Department 3x16 Feef 3x16 Degetables and 26 lb breads b, duty, Bruthaut DNN. Flom 8 Q M to Meridian. toward End of watch Stulle to flesh brogg in Squallo from WW by N. Brownty ring a. E. Marke (Suns) returned from trand The following Havy Jud working engaged on bound in Construction Deput mont; 1 dilly & Suprenghts. WBWhitelsey Dell. From Meridian to 49 M Fair and cold Moderate to fresh N'm by hurr in Squall The following havy fand irokenen Employed as board in Construction, and in Construction, such is fetter resistant to dellar revolute & Slap inaghts & ske making stores of them Biguining I makenester I liggs, one of linking, Popular following I town from I found the stores of the glass, English freely, must head lawfun, & Varigator lamps, I have tead to an I be among, I Madro for side tights a signal workels in Otherwise Department in parent Phalas of the ment lights with my state to the store of the signal workels in Otherwise Soft and to affect the store of the state of of the s I foot that was that spange so the Varieties 10 the Vention My 10 gallow cleaning the 13 coverties files 100 lb Soup 1. I fining him spane parts lifter and second reference for it of circles 3 Societies, some Beforder of Combinating for Charleson (Cox) was taken BM, & class from march It Robinsoh Flom + to 8 Fm Who I Baroust read Commander & Thought to gale we squalls from Why I Baroust read Commander & Thought in thewest from tread and water for days By order of Commanding Office for Munggling hogus was whiteles Flow 8 PM to Midwight for and cold Sliff burge to fush gate in squalls from Arrhy N. Mornlight.
Examined and found to be correct. astudile Royan J+Galt Busyn With

LOG of the UNITED STATES Ship Essel

34d Rate,

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear Oths.	se Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
A. M.				Stobys	n whys	5-8			2960	25	13			beg	Bun	12	
2						5-8			29.60	25	23				,	4	
3					4	5-8			29.58							3	
				,	,	5-8			59,57						,"	2	
5						5-9			29,60	24	22				Eum	3	
6						4-8			29.61	24	22				6	4	
7						4.1			29.64	124	22	-				4	
8						46			29.65						,,	3	
9						4-1			29.65	-26	23					4	
10						46			39.65	28	26					4	
11						4-6			29.65		-					+	
Noon.						41			29.61					*		4	
															-		

Course and dista	ance made good since preceding noon by observations,	knots,		tenths.	
	(Latitude by D. R.	0	,	"	
at to	Longitude by D. R.	0	,	"	
Position at Noo	n: Latitude by observations of O	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0		"	
	(Latitude by			"	
Position at 8 A.	M. Longitude by	0		"	
			,	"	
Position at 8 P.	M. Longitude by	0	,	"	
Current during	the time, knots tenths per hour, setting to the				
( Error of the Con	mpass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the	e Compass by Azimuth ⊙ observed at , ship's head	0			variation used, ° '
(Error of the Cor	npass by Azimuth ⊙ observed at , ship's head	0 -	,		
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0	,		variation used, o
Water expended	during the preceding 24 hours,	,	00	gallons.	
Water `	during the preceding 24 hours,			"	
Water remaining	g on hand fit for use at Noon,	1	ove	, "	
	during the preceding 24 hours,	tons.	200	lbs.	
	on hand at Noon,			`"	
Coar remaining	on hand at 1100m,				

							1.	
P. M.	10.0				, -	,	1,	
1	SEly8	nwhyn	4-8	29.68 37 38	heg	Oun	4	
2			4.9	29.68 38 39			4	
3			4-8	29.673737			4	
4			4-8	29.66 30 36			1	
5			4-8	29.73 3631			8	
6		4	49	29 15 3021			8	
7			4-9	29. 16 29 27	F91	none	10	
8			48	29.762926			14	30
9			4-8	29 16 27 25			16	
10		,	4-8	29 76 26 25	1 . 7		10	
11		"	4-9	29.76 26 24			10	
Mid.		,,	4-9	29.7727 20			10	
			17		N.			

under the command of Emmander & T. Strong Justay, March 300 , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and Milit of am Cloudy and Cold Stiff here to moderate gales in squalls from N W by N. Barometer reacy Brady. L. m. name Weather fin Mederate burn to gave in squall from N'W by N. Barmeter iding Revived in Department of Supplier and accounts to the break. From to 8 am. WBWhitelsey From gul m to Melidian Loutreaut WSA Employed on board; in Contractor or these torge in squarts from it whyt the filming Thos year working a thep witter in Stem Engineering & Machinets ; siggs - bluepers ; Man fit further Received the following street in Englespences; Cadeof wood #86m Broomers hammade, who have find flat commend serious removed in the flat tioner 18 februg lines dust paur a gatton tor oit so betro plate poure ( 30 galvaniget eion hanke, 14 llo single hacke, 20 llo galvaniga Munther retriving palmer rhand que wares 6 l her wast, your defet, matcher 11 llo sagging tanther sela anche se llo s'bod rope so gle s'munta uper 188 llo 2/2 manula Lespe, 196 llo 3° perus per pe, 568 the tolling, 10 r to honer line 190 th tomer marline 184 to muchine 108 th Spurin form, 100 the stations, or 180, 19 getten Before the 18 th polishing posts to back sour blades of flat both take in Construction of Station long, egallow spar remark 186 Williams of the season long, and gallow spar remark 186 Williams of the season long, and so the season of the season of the season of the season long, and season of the season of t 20 gallow turkething of gallow Darnow Warness so the white zin in of the chieme yallow on of 15 the Vernisian led in of 16 the What have the in old the Chione green in of 35 the gum Shellar too the white lead in or 3,260 to landful factor of 5 gallow Copal named, 20 gallow alcohol 50 gallow rew hunter of 1, 4 such tool bushes, 18 lound faint buches, RA. Goddle. Semi Merican to 4 9 Mm. Cold, Moderate bruge to Shory galer in symath from the plan. Second to felling.

Review in Equipment Deportment, I have to fillered is set took falls; main to yas the to for top you and

hardy i factor parlaw Jain sope. I man up gallant some who I cat falls; from the fallow fractor i main to yas the sope your report.

Charling, It took falls; Menuter frages the lateral; main to man the gallant from the former than the former was the fall, of main to yas the fall,

main to gallant fractor; factory of have; main to yas the sope years the fall,

and the for the factor, main to fact from two, I main to yas the fact of the fall Charto Charles Moderal Visit & Jest gale unsqually from MAGE Colds mather Men or futing.

Examined and found to be correct or able upaned sailing lander. Flomet to 8 P.M. Land O'M to Medicift.
Ches wolcold, Moderate trage to strong galasin squall from Noby n. Raining baronick from " Raining 2011.

Russes H. Galf o 2018 M. Roger A. Galt Linteres to Man Paristo.

LOG of the United STATES Ship Essel Jan Dry Dark, Mary Jan Mer Jorko.

3 Rate,

1			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	of Clear in 10ths.	e.Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of 6 Sky, in 19	StateoftheSe
A. M.				JE ly f	wwbyn	5-9			29.11	21	24			fg	None	10	
2						4-8			29.16	26	23			,		16	
3						4-8			29.75	24	21			*		10	
					,	4-8			39.16	24	21			4		10	
5						4-8			29.76	22	20			4		10	
6						41			39.16	22	19			1091	Str	8	
7						41			29.76	21	19			,		8	
8						3-6			29.19							9	
9						41			29.80	38	40				,	9	
10						41			29.80	39	40			for	now	10	
11						#1			19.11	36	33					10	
Noon.				886	,	4-8			29.80					•		10	
																-	-

Noon.	840	"	7	1.00	-/				
								NEW YORK OF THE PARTY OF THE PA	
Course and distan	ce made good since precedin	g noon by observ	vations,		knots,		tenths.		
	(Latitude by D. R.				0	,	"		
	Longitude by D. R.				0	,	"		
Position at Noon :	Latitude by observations	of O			0	,	,"		
	Longitude by chronomete	r from Forenoon	Observations of	9	0	,	"		
	( Latitude by				0	,	- 11		
Position at 8 A. M	Longitude by				0	,	"		
					0	,	"		
Position at 8 P. M	Longitude by				0		"		
Current during th	e time, knots	tenths per hour,	setting to the						
( Error of the Comp	ass by Azimuth O observed	at , sh	p's head		0	,			
Deviation of the C	compass by Azimuth O observed	rved at	, ship's head		0	,		variation used,	0
(Error of the Comp	ass by Azimuth O observed	at , shi	p's head		0	,			
Deviation of the C	ompass by Azimuth O obser	rved at	, ship's head		0	,		variation used,	0.
Water expended d	uring the preceding 24 hours	s,			2	00	gallons.		
Water	during the	preceding 24 hou	rs,				gallons.		
Water remaining of	on hand fit for use at Noon,				14	-ac	o		
Coal consumed du	ring the preceding 24 hours,				tons,	-	1bs. Ser	expung of bun	des :
Coal remaining on				now	" Y	ione		erpaig of bun	

P. M.									
1	16 by 1	AnhyN	5-9	29.18 38	32	tog	More	10	
2		An by W	5-8	29.7836	32				
3			5-8	29. 70 34	32			10	1
4			5-8	19 1532	31			10	1
5		nwayN	5-1	39. 75 29	29	beg	Štv	8	1
6			5-1	29.7526	26	" -	4	-	1
7			5-1	29.15-24		891	Nous	10	1
8			5-8	29. 75-34	24	"		10	
9			6-9	19. 18 23	23	teg	Ste	9	1
10			6.9	29.78 23				9	
11			6-9	29. 18 22	20			1	
Mid.			6-9	29. 7822			-	8	1

under the command of Minnauder E. Strong Widnesday, Maish side

, U. S. Navy,

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

RECORD OF THE MISCELLANI	EUGS EVENTS OF THE DAT.
Maintot to 4 00 mm	
Cher and	Cold Still to moderate busy
Minight to 4 00 DM Class and a with drug heavy squalls from n. in Mixing	ty n. Baromet's falling them
Mixing.	J.V. Jordan
	.00,2
0	Lauturan With.
Flom 4 to 8 a. M. 1. 91. 10.01.	7 41.1
Villag and ora	moderate to fresh turge from
Whyn Fot aboard gud Croserd	new Jouropeans Jud Mouved
in Pay Department following from	hit at 200 the 2 new boat love boar
ory 3 res. vegalables, was now velad,	
	RAdiodale
From 8 am to Meridian	Ellsign DSM.
Somo am somewall	
Clear and Cold Stiff burge to NW by W. Barometer falling till last how	I Have You working Each Course
on bound as follows Eliqueres Departone	int mallined Emetantion Department.
2 outside Stale fetters threpers dullar	rioters 2 holduson Engaged in
undorking this Beirived from V. S. B.	I Verment with effects and hours for
paper Chuy C. Witheber (Sea).	, ,
	L. mo Name
From Mendian to A. P.M.	Chrigh OSM.
Clear wa cold Stiff burn	go with very heavy squalle from N roy N
to NW by W Basmeter falling then having I coul robust along Col Dock and out into the	or an the Est Current Letting out from
Coul robar along Col Norto and out into the	by hor. Ongaged in Securing Sup
to dock Seit Condumned running rigging	X to the tent of the Post Mount
Canul Engine Collased from Confinence	of and vansperra co 100. 100.
Construed O William (W.) Se fine (6) day	Notitale Confinement on broad and
Confued C. Wilson (D.) for five ( ) day worther for bring dunk and boundhip!	men in Chestruction and man
in Steam Engineering Department at wo	rek on board Ship from Navy Yard.
Mariord from W.S.S. Katalidin Hony Sn.	uthe (Machinisol)
	Wignam
From 4 to 8 PM:	Drutenant W.N.
11. Olean and cold Steff to fresh ?	mor in squally from h wby N.
Hem 4 to 80 M. Glean as cred Slift to free of Steady twomits Der moving to 40 als Ouriors in Egippment Ocharmost V wells	Aludrus
Victorial at appayment repairment of the	oo ( and a de la company)
	~. mo name
e a	no name . Mo name
From 8 PM to Midwight	, ,,,
Hum & PM to Medwight. No by N. Baromets Steedy. The war set part the Ship at hy wing of flood, the	Muzi with heavy squalls from
NW by N. Basomets steady. The low set	alting Oot Nock and against and
pair un sup at reguning of Itood the	a surrousing less of water.
	Jugaran
Examined and found to be correct.	Lightnand OSN.
	A Kong wikin 1000 in .
	Rogers Styalt
	B+ Cimed

LOG of the UNITED STATES Ship Essay 34 Rate, Moored to Coal Dorso, Many fand New York.

		-	Reading		WIND.				BAROME	ETER.	TEM			State of	Forms of	Clear Oths.	lo Sea.
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.				18 hys	n Elyn.	5-8			29.16	21	20			fg	Mour	10	
2				,		5-8			29.15	22	21					10	
3						5-1			29.16	22	11				2:6	10	
4						4-1			29.15	22	20			beg	Strat,	8	
5					nwbyn	41			29.16	23	20					8	
6						4-1			29.11	23	20			4	,	8	
7					1	41			39.11						4	7	
8						48			29.18							7	
9						41			29.19							8	
10						41			29.19						HV	8	
11			4.3.			41			2918	38	35	NI.				1	
Noon.			-			41			29.18	40	No	1				9	
Noon.									1.10							1	

				-		
Course and distance	e made good since preceding noon by obse	rvations,	knots,	tenths.		
	(Latitude by D. R.		0 ,	"		
	Longitude by D. R.		0 ,	"		
Position at Noon:	Latitude by observations of ⊙		, , ,	"		
	Longitude by chronometer from Forenoc	on Observations of O	0 1	"		
	(Latitude by			"		
Position at 8 A. M.	Longitude by		0 1	"		
			0 ,	"		
Position at 8 P. M.	Longitude by	¥		"		
Current during the		r, setting to the				
		hip's head	0 /			
		, ship's head			variation used.	
	mpass by Azimuth O observed at		0 ,		variation used,	
}		hip's head	0 ,		variation used. o	,
	mpass by Azimuth O observed at	, ship's head	200		variation used,	
Water expended du	ring the preceding 24 hours,					
Water	during the preceding 24 ho	ours,		"		
Water remaining or	hand fit for use at Noon,		1200			
Coal consumed duri	ng the preceding 24 hours,		1 tons, 160	lbs.		
Coal remaining on l			1 tons, 160	"		
				V		

P. M.	00					1,	100	
1	8 Elys	1 Wby N.	49	19.19 43 43	by	None	10	
2			48	29.19.44 44			10	
3			11-8	29.78 44 44			10	-
4		10.	4.1	29 18 44 144			10	
5			41	29.80 41 40			10	
6			46	39.80 41 39			10	
	,		46	29. 88.39 36			10	
8			46	29.90.38 35			10	
9			46	19.943534			10	
10			5-5	29.963533			10	
11			3-4	30.01.3/30			10	
Mid.	,		3-4	199931 29		,	10	

under the command of Commander & Throng , U. S. Navy, Thursday, March 5 ile , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and Milil & a. M. Clear and cold Moderate burge to moderate gale from NE by N. Mo tidal observations on account of its. B. Luby DSM. From 4 to 8 am Clear cold moderate burge to moderate gales squally from 1 W by N. Bacometer hising, Revived in Defendment of the perfect one as follows 814 bry 814 degetable, to the best first along core dock to the out with more zign RSM. From 80 m to Merdian. Cot Do Lat to gening of each free with free squalls from 10 Wby H. Coveret Street, Ver flewing along Cot Do Lat to gening of each for thing out by ship it got salvand be as so the 18th When it was statement which ship though I ill flewing in lacase the addresse Boch Over light, Bene slaged at 8 to State of Sealing and Intudies sand are the worth for of me summy not Morried in board in Egiffment Defectment New havennock elothers the which lever so facts land land while the ban banding so fact which muchin so facts red mucling it papers needles 6 Spools Each, led white an Mullered 34 Chinneys, 2 26 R. Globra, 6 D. D. globy, gend wicks Spen wicker Wol Braign # 1 Whazin # 5,3 feemands #1, 25 toggles wented, 12 Sull monorandum books to belo Mostford, Elect bole led in & botton muchage, & foto miliage Ab Let & Hotting paper, 10 Hold Cruit Mested paper, where it paper of Chamin Skin, 100 Candles 13 feet 24 0 3 manufather ban aurps, Karrond in Separ man Chamineter a Refore, 10 to Copper land is geno has seen room seen ages so their and paper it to apper but the special soch is cold about So franchimiters glan or fair hings of the Opper Miles 30 the line miles 18th frenthing hade 18th den Sade strenthing hort, & carety angles held 1 man braker , 8 of party work reverse , coast bruss 18 block, Hew O Men in Construction I Spartment at work on brain. Year men in Construction Wifautment at cook in board. Frim Meredian to 4 P.M. Genterant body. Clear que pleasure, squely Miderate large to moderate gale from Norty N. Otto replacent, squely, Midliate Verge to moderate get from hip and
Ett tile in morning into Mallatoret respect the shore along Cool dark Eligaged Coraling hip and
stilling if head and several permit of man of gallant realloyal times. Operated from
the Beks, 10 mind; I Steering to the Sol of elas ) coth there tagge humanes
and invessary papers Play for passa age to the Beks of the Converge in Construction
Operational, they into 18 hours to the sol of the work of the sol of the so Horrist for any from Much we dilection of Security from Mer. Caumeter Stady then land New Horrist for any from Much an Eddy was thing for class. However in Equipment, leaves to payment in Equipment, Marinet and Strucken or Sed golds! Dietrum Den. Flan 8 P.M. to Midnight. Examined and town to be correct. Coul don't at first the Salvay out of Unelson from 9.30 to 11.30, no Current purplible at End. Rogen H. Jack Bind recent Dell Brand Sound Della

LOG of the UNITED STATES Suip Essel 34 Rate, Mooned to Coal Dorso, Many Jana, New York.

			Reading		WIND.		0		BAROMI	ETER.	TEM	PERAT	URE.		Forms of	of Clear in 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balb.	Air, Wet	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of C	State of the Sea
M.				Stelys	AN	45			30.00	31	29			tal	nou	10	
2						3-4			30.00	3/	29					10	
3						3-4			29.98	31	30			,		10	100
4					nnw	34			29.91	30	29					10	1
5						2-3			29.98	30	19					10	
6					A Why A	1-2			30.00	30	19			fm	4	10	
7						1-2			30.01	30	19			*		15	
8						1			30.04	37	32	-		bem	Str	9	
9					W Wley W	2			30.06	34	36			4		9	
0						2			30.06	34	36				0.	9	
1					NNW	1			30.05						Shi	7	
on.				•	18	0-1			30.01	42	42	-			Cor Cu	5	
-			1		~												

Course and distance	ee made good since preceding noon by observations,	knots,	tenths.			
	(Latitude by D. R.	•	, ,			
	Longitude by D. R.	0	, "			
Position at Noon:	Latitude by observations of ⊙	0	, ,	•		
	Longitude by chronometer from Forenoon Observations of ©		, ,,			
Position at 8 A. M.	Longitude by	0	, "			
		0				
Position at 8 P. M.	Longitude by		, "			
Current during the						
		0	,			
	ass by Azimuth O observed at , ship's head			variation used.	0	
	ompass by Azimuth ⊙ observed at , ship's head			variation used,	0	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	,	'			
( Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	, ,	variation used,	0	-
Water expended du	aring the preceding 24 hours,		00 gallons.			
Water	during the preceding 24 hours,	0				
Water remaining o	n hand fit for use at Noon,	8	00 " .			
Coal consumed dur	ing the preceding 24 hours,	/ tons, /	960 lbs.			
Coal remaining on	hand at Noon,	174 "	160 "			

P. M.							
P. M.	SEly 8	78	01	30.014246	bem	tour	4
2		Variable	0-1	30.01 45 49			2
3		2 "2	1	29.984548		6:	2
4		E. J. E South	1	29.98 44 46		6 in	4
5		South	1-2	29.9942 41	oem		0
6			1	30.00 40 31			0
7		,	1	30.003837	tem		2
8		4	1	19.983836		Cun	8
9			1	29.993836			3
10		4	1.2	29.99 38 36		6	3
11		,	1.	29.973836	oem	mint	0
Mid.			28	29.97 38 36			0

under the command of Commanders E. Hing , U. S. Navy, Study March 6th. , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences to 4 UM. Barometer falling Der runined Stationary about This till 300 when lide turned Ebband in broke away near head of Coal what dufting out to Wirwhierlsey DSR. Flom 4 to 8 am to hwayn. Barone's riving Ice flowing by the Ship toward Got Down will six Oblas then are Eddy Started Reas mouth of basin and Soon Cleared away the we and started to flow towards East River. at 6.35 made signal to lemont. On 5455, aneword fra Lovel sale to dry. Popular on hourd 853/4 lb Each flesh truf qua trottader and 65 lb head in Department Supplier and Occounts. At 145 stated coaling Ship. It fordan, wond win a collidar. Charles and Believe light brugs from notice W. Shifting to March & the last brugs from notice W. Shifting to March & the last from huming, thought brugs forder now blushed coaling the back of the state of the the last from huming, Spring ford of normal our of management weing come were the for two for steaming four orders.

Button of Equipment, Returned in Constitution Defeatment, Refligited or Seasting four forestern that took thinks off retail took bushes of retail took on the standard of retail the standard of the standard for the standard for the standard of the standard for the standard of the standard b. duty, Latterard DAN. Flom Merchan to & J.M. Maile for Cale to light was from ME to E. E. Easement felling at Older made Milyand 1017, permisees, to Muly topash was guinted by Pal, Memory Cord lide court Century of the Now Now act of the permit to the Now Secret receiving the selar coast and the permit heart was the permit the p Determent DS.N. Glany to 8 Pm Orcest to fait Right with light force from both Der morning ort of the Wellsbrakeland on To what he in real Calle all lands of falled Sails Sail librity party on Shart.

Examined and found to be correct. S. duby Chiteraux DM. Lum 8 Pmts Mederight No in but circuit setting out to NW part dans, Lasut want R.M. Plague A. Galt Grutuant Bin. Mongator.

LOG of the UNITED STATES Ship Essey
MOoored to Coal Dock Navy Yand

Rate,

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Clear 10ths.	e Sea
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of 6 8ky, in 10	StateoftheSe
. M.				SElys	South	,			29.94	38	37			for	Cum	4	
2						1			29.91	39	37			oc.		0	
3						1			29.89	39	37			ocp		10	
4					Variable	1			29.87							0	
5						1			29.83	39	39			oom	-	0	
6				•	88.8	/			29.11					ocpm	Juny	0	
7						2			29.74	42	42	-		"	4	0	
8					18.	3			2968					ourm		0	
9					Sterley	23			19. Fo	1-4	42			ocrust		0	
0					Variables.	1			29.60	44	42	-			"	0	
1						1			39.60	45	43			reaf		0	
on.						1			39.58							0	

			-			
Course and distance	e made good since preceding noon by	observations,	knots,	tent	ths.	
	Latitude by D. R.		0	, ,,		
	Longitude by D. R.		0	, ,,		
Position at Noon:	Latitude by observations of ①		•	, ,	,	
	Longitude by chronometer from Fo	renoon Observations of O		, ,		
			0	, ,,		
Position at 8 A. M.	Latitude by			, "		
				, ,		
Position at 8 P. M.	Latitude by			, "		
	(Longitude by		0	, "		
Current during the	time, knots tenths per	r hour, setting to the				
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		,	variation used,	,
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	,
	ring the preceding 24 hours,		•	of gall	lons.	
Water	during the preceding	as houre	27	76 "		
	n hand fit for use at Noon.	24 110013,	1 tons,	00		
			/	19/00		
	ing the preceding 24 hours,		tons,	1 40	S.	
Coal remaining on 1	hand at Noon,		1/2"	0 70 4		

P. M.	. 4	88 ly 8	Sw	1	39.514950	tem	Con fam 4
2			WSW	2	29 60 50 48		. 2
3				2	29.60 5253		. 5
4			West	2	29.625253	te	. 1
5				2	19.61 50 49	1	. 7
6				3	29. 10:41 44		. 8
7				#	29. 13 44 42		. 9
8				116	39.154240	69	Nove 10
9				46	29.12 4139	"	. 10
10				3-5	29.753938	Kes Con	, 10
11				3-5	29. 1538 36		10
Mid.				3-5	29.76-38 36	teg	. 10

under the command of Commands & , U. S. Navy, Jalurday March 19 , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Medingh to 4 4 M. Cloudy to organist Bight win latter part of watch Bight win from South an Variable Don in wallabout moving but with John Statemary. assistale El Eusign W.S.M. Flom 4 to 8 a. M. Film 4 to 811. M. Otrused and misty with rain thunder last how. Barmet of falling sapidly first there have saving shottly last how. Der stationing at the law station of an how between a gust of and last many court of morning raine, how between squared and last ment to well morning raine. Librity man intuned become high of spart ment 165 th Bread Com, Brigare lights class and the promiter ship without have having lift some time during the right. From 8 am to Meridian! Thunder and lighting in first war of coatch bight airs to grate since from SE 4. S. Brienister felling rapidly, burnet setting for feat Emp to n. W. With 110 blooks refer it there features in Broker not the hold and engaged in securing store. Equipment Department 30 gallows land bil Budge Wealth cloth and black tai faulure In Ordunula De bartment to sell cartride bogs a roo lbo kondor tauke 1. 100 it pouder lank 12 pair loadure gloved and manumery minimum thermometro In Department of supplies a accounte as follows 3000 lbs Saft Pak 1200 lbs Saft Pak 1000 lbs Saft P lbo loast beef 1428 lbs Com feef No Allo Sonatres 1008 lbs haw, 432 ll Butter, 620 lb regetables. WBW fillery Received from the General Streker per the following stores as gentlemand west.

Received from the General Streker per the following stores as gentlement, gense with the streker the following stores as gentlement, gense with the streker per the following stores as gentlement, gense with the streker per some cape some store per some store for the street of form legistics paper to prostell prous to person so formal books land or currentled as of gentlement and in supplies and action to so to hard head, they getter, trans 90th of hard head, they store to the following trans 90th of hard so is the flow to the Offer 180 the Coras of the spot per polices, 1000 the homeony angaged in victioning leddown store ion with the waste provision.

If the B. M. I class was received from head must as Mineral Corpetal.

Define a le From Meridian to 4 J. 1. Olisign de 1. Current Mentler Clearlight Herry from West increasing to flesh tenge in Squale Salmake living Current Mentler Mentler Strong Str Flom 8 P.M. to Midwight Cloudles, clas Just cool Swith to stiff burge in puffs from West is all Hogus Hysel Limitmant WSN namosto.

LOG of the United States Sup Essey Fire Face, Morned to Coal Dock, Navy Jana, New York.

						11	0	-			/				100	
			Reading		WIND.				BAROMETER.	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	State of the S
A. M.				SEly 8	WEX	24			29.1637	35			beg	виш	9	
2						25			29.75 37	36			,	,	6	
3				4		3-5			29.7637	36					5	
1						3			29.1536	34			fe	4	5	
5					,	2			29.1536	33				Start	1	
6					1.	2			29.76 35				oce	Gum	0	
7					WIN	2			29.15 38						0	
8					m.S.M.	2			39.18 HO				be	Cum	1	
9				,	West	3			19.80 49		•			,	6	
10						3			29.1942						3	
11						34			29.19 42			1777			4	
Noon.			100	"		3-5			29.184				begs	Mint	3	
1									1		133		0		100	1.

Course and distance	e made good since preceding noon by	y observations,	knots,		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Fo	orenoon Observations of O	0	,	"	
	( Latitude by		0	,	,,	
Position at 8 A. M.	Longitude by		0	,	"	
			0	,	"	
Position at 8 P. M.	Longitude by		•	,	, "	
Current during the	time, knots tenths pe	er hour, setting to the				
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0			variation used,
(Error of the Compa	ass by Azimuth O observed at	, ship's head	c	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used,
Water expended du	aring the preceding 24 hours,			500	gallons.	
Water	during the preceding	z 24 hours,			"	
Water remaining of	n hand fit for use at Noon,		2 tons,	500	0	
Coal consumed dur	ing the preceding 24 hours,		2 tons,	1220	lbs.	
Coal remaining on	hand at Noon,		169 ".	20 6	o "	

P. M.	0000					f.		
1	18 ley 8	now by w	34	29.7541 260	begs.m.	news	-4	
2			3-5	39.75-46 39			2	
3			3-5	29.15 40 39	oegsm		0	
4			3.5	19.76 4039	teg		4	
5			1-5	29.76 39 37	"	Or Cun	5	
6			3-5	29.76 37 36	,		4	
7		,	3-11	29. 1836 34			8	
8		4	3.5	29 78 35 33 5	4		8	
9			3-4	29. 81 35 33	be	bun	8	
10		,	3-5	29.823432	beg.		8	
11			3.5	39.823431	,	"	1	1
Mid.	"		25	29.833331	"		6	1

under the command of Ommandre (69 , U. S. Navy, Junday March zill , 18%. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences I'd Until 4. a. M. Clear to cloudy and cool Light to stiff triego we squally from Next. Head to arometer. W. Share I to the the triego and hip Sor moving to me along coal what found retired her punging the M. along coal what fand retired here L. M. named Str. Blisign WSM. From it to 80. M. Weather clear clouding over their cleaning toward rid of watch.
Bight brings from W. N. W. W. S. W. Plack of Marin applied Day Signafs 4 sectional through the made Day Signafs 4 sectional bernarios for safe basel class the world the work. We made Day Signafs 4 sectional bernarios to be seen sail to a second to be been as to be the second to be four lives. 10 word in Villatural of hipplies and accounts to fresh trief, 85 ft the rapidation and fresh tried Edited Current running out to the soft of sometimes the following yourse to go were found about from the ship with D. B. Batter J. Joych W. a. Proving W. Matter W. Barret J. W. Chatman, and J. F. Comolified apprentices 24. class, WBWhitelory From & am to Mendan Cloody and cool Gruthe to moderate buyer from WES! Snowing last how at 930 minting a quarter of moderate brezze from West of Snowing last hour at 930 minting a quarter and source out brush tags to plant of Superior States of Charles of Manual States of Charles of Minterior of Charles of Minterior of Minting of States of Superior of MArisdale From Meridian to HPM. Company successful towards Stutte to Sift there win squates from notify to the successful to the second successful the second to see the second towards the second towards the second towards towards to see the second towards towards towards towards to stand the second towards towards towards towards towards to second towards to see the second towards towards towards towards towards towards to see the second towards to see the second to the second to the second towards to see the second to the second towards to see the second towards to the second to the second to the second towards to see the second to the second to the second towards to the second to the sec as in preciding coach will after Ollock ishen theyouth of it coace county down East Keer by of the Rule of the steer by At Godale Examined and tound so be correct. Hom & PM to Midwight. Elsaigh Rep. Changes in equally from No Lyr Steady Favorites. No is in significant to Durant app 3 classific our sufficient permission can caught Coming in board over spurchase and placed in Single time for Sept Kentping. ausign W.M. L. W. nomen. Bleegs, DSM. Hayer St. Gaet WIN Mighton.

LOG of the UNITED STATES Suip Essel 34 Rate, Morand to Gas Dock, Newy Jud Mio Jako.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear Oths.	e Sea.
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				Stoly 8	NWhyn	46			29.84	.32	31			bug	Gun Neint	3	
2				"	,	4-6			29.85	32	30			,		6	
3				,	,	35			29.85	32	30			"		5	
						36			29.84					,	Com	7	
5						35			19.84	31	30			9	"	9	
6						3-5			29.86	31	to			"		6	
7					w.n.w.	3-4			29.88	3/	30			to	Er Cu	ef	
8				,		3.4			29.88	33	32	-				0	
9				,	nw	34			29.90	40	38			tog		5	
10						16			29.91	42	40			./		6	
11		50				3.5			2991	40	,40					5	
oon.				4	4	3-5			2991	43	141					5	
																	1

Course and distance	ee made good since preceding noon by observations,		knots,		tenths.			
	(Latitude by D. R.		0	,	"			
	Longitude by D. R.		0	,	"			
Position at Noon:	Latitude by observations of ②		0	,	"			
	Longitude by chronometer from Forenoon Observa	ations of ⊙		,	"			
			0	,	"			
Position at 8 A. M.	Latitude by Longitude by		0	,	"			
			0	,	"			
Position at 8 P. M.	Latitude by		0	,	"			
Current during the	time, knots tenths per hour, setting	to the						
( Error of the Compa	ass by Azimuth O observed at , ship's head		0	,				
Deviation of the Co	ompass by Azimuth O observed at , ship's	head	0			variation used,	0	,
(Error of the Compa	ass by Azimuth O observed at , ship's head		0	,				
Deviation of the Co	ompass by Azimuth O observed at , ship's	head	0	,		variation used,	0	,
Water expended du	aring the preceding 24 hours,		4	25	gallons.			
No.	during the preceding 24 hours,		8	25				
	on hand fit for use at Noon,		29	00				
			8 tons,	880	11			
Coar consumed dur	ing the preceding 24 hours,		161 " /	, 0.	108.			
Coal remaining on	hand at Noon,		16/ "/	180	"			

P. M.				Various	West	,		1.	6 frum	1	
1 2				various	West	45	29.90 42-42			6	
3						45	29.90 42 42		1	6	
4	1	,	54.6	8/220	lunn	1	29.90 42-42			1	S
			62.9			M	29.90 39 39			1	
6	. 8	4	11. 8			4	19.923939			6	
1	8	3	79.6		20 20%	3-4	39.953838			8	
8	8	0	87.6	Strigg		3-4	29.953838	+	Mone	10	
9	1	4	72. 30	Sy by		2-3	29.95-37 37	4		10	
10	7	2	102.2	42 17		3	19.95-37 37	bem	6um	1	
			9.1		1. S. W.	3	29.96 37 31			8	
Mid.	7.	2	16.3			3	29.97 37 37	,	-	8	
								THE REST.			

under the command of mmander & Stiene Monday, march gthe , U. S. Navy, , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Medinghe to 4 Ch Squally from Niv by P. Businester Strady Ship dear of its with flesh squally from Niv by P. Businester Strady Ship dear of its will flood his began to make; when icr Started to flow by the Ship towards last live of the ship towards last live of the ship towards flow the Ship towards and the strange of the S. Duan App select strong ship todain permission was to f. Busin Brown S. Wenk on duly From 4 to 80, m. f. Coutenant With and Cool Gutly and moderate n'w by burges Rouning in Per Department following flesh provisions for easer to cles 13 of les first.
103 of the protectors give 13 les head to Schopker Epp 3 class) Mirred on bodies and by Older of Commanding of flers up placed in doubter upon for days for leaving the Superstant permission at loss started first in booker a super for days But fortopment stay sail, land flying fel. Rosisdale Susign lost. Standy and pleasand Seath a stiff they in equal from Missiff the standy of the Missiff they will be sured from Missiff they will be sured to Missiff the standy of the Missiff they will be sured to the Jon 8am. Go Mendian. your to account his by Court marked, for dum on duty. John Middle House Month of 1854 Deans Wordered to Stiff there from Mr. Butomar's Male at 12 3 call dall hands unwor Ship Middle hands of the Cantof from dand Many year Lay terring Ship asker, all some and Many year Lay terring Ship asker, all some and Many year Lay terring Ship asker, all some and Many from Market and Ray Womanding Deficil Coming the Ship at the cost town of Soft and light Ship to be n. Solver on Coney Stand N 150 M. Rat Cogleading 55, 1. askery Stand 55 lavely bookston in John Solver on Coney Stand N 150 M. Rat Cogleading 55, 1. askery Stand 55 lavely bookston in John Solver on Coney Stand N 150 M. Rat Cogleading 55, 1. askery Stand 55 lavely bookston. Locutenaid los Thom 4 to 8 P.M. Clare to by moderate here from 10 novered west Steering course offer Under strandown frest at secure 8 Sop gallet forder Medersa's to top sail except marrial at 53 set top gallet Sail at 63 regiles Kanngat light bearing about 5 x by 8 Resolution posterior steward & duty. G. S. Resolution to Steward & July 6 1.6 February of Brick from Gorace W. Show, J. Marry n. Beaut & Durbut, and 6. Schoop be sell app 3 class.

Examined at bound on the second of the Source of the Examined and found to be correct. Lufterent WIN. Jam 8 C. M. to Millingty. Whatles Classes be be perilly high to get the trunk from Meinto W.S. Darrows Manget & S. Carray at the through convert to the convert to the standing of the s Lautement Win navigator

LOG of the UNITED STATES

Ship Esses

Jud Rate,

			Reading	0 0	WIND.				BAROME					State of	Forms of	of Clear in 10ths.	e Nes
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 10	State of the Sea
1. M.	8	5	33.0	ffr the n	wfw	2			2998	38	38			bem	Com	8	1
			30.2	,	WW	2			29.98	38	38					6	
			39.6		Calu	0			29.98							1	,
			46.3		1.6.	1			19.95	11	41				"	6	
-			54.0			1			39.95	41	41			,		1	4
			61.1		East.	1			2992	41	41					4	
-			68.3	Sirley f.		2			29.90	1/2	42			rem		0	
			15.8		18. by 8.	3			29.86					,		0	
9			82. 1	*	Sriby S.	2			29.85					,		0	
10			89. 3	83		2			29.85					"		0	
			96.3		S.W.	2			39.84							0	
			100.6		*	3			29.17			-		,,		0	1

	Course and distance	e made good since preceding noon by	observations,	knots,		tenths,			
		(Latitude by D. R.		0	,	"			
		Longitude by D. R.		0	,	"			
	Position at Noon:	Latitude by observations of O		0	(	"			
		Longitude by chronometer from Fo	orenoon Observations of O	0	,	"			
				0	,	"			
	Position at 8 A. M.	Lancitude by		0	,	"			
				0	,	"			
	Position at 8 P. M.	Latitude by		0	,	"			
	Current during the	time, knots tenths pe	r hour, setting to the						
-	Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,				
	Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	,		variation used,	0	
	Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,				
	Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	,		variation used,	0	
	Water expended du	ring the preceding 24 hours,			500	gallons.			
	Water	during the preceding	24 hours.						
	Water remaining or	hand fit for use at Noon,		1	40	0			
		ing the preceding 24 hours,		15 tons,	00	lbs.			
	Coal remaining on l			146	118.	0			
	com remaining on i	mand at 1.00m,							

						0				P. M.
0 1	6um	oc.m	29.71 16.46	3	S.W.	Sn	106.2	6	5	1
0 1			29.74 46 46	2-3	S.W.by S.		13.0	0	1	2
3 .		bem	29.13 41 41	2-3			20.6	6	1	3
3.			29 12 41 46	3			26. 4	8	5	4
2 .			29.69 41 46	3		Srhyn	32. 8		1	
2 ,		,	39.69 16 46	1			39. 4	6	6	6
4 .		4	29.10 41 41	. 4	S. S. W.	Srife	46. 3 51. 4 52. 4	7	5	7
# "	,		39. 10 48 48	H		1'sr	51. 4	0	5	8
6 "	,		29 10 48 48	5-11		W Sry in		1	6	9
4 .		-		3-4		,		5	6	10
6 .	6			3-4		marile se		5	5	11
6.				3-4				1	6	Mid.
								1		
	6		29. 10 48 48 29. 10 49 49 29. 68 52 52 29. 68 53 53	3-4		which se		5	6 6 5	9 10 11

under the command of Ormmander E. Fring Tureday, March 10th , U. S. Navy, , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Midnight to 201 Clearand cool Dight WIN 4 to MY herewane air Caluvand light NE " airs. Of Counce Is no fire for stranger of some of the factor of the state of the substant of the septed stranger of the state of the stranger of the state of the stranger of the state of the septed stranger of the strange RD. Tiodale Olisign WSN. Cloudy to view of light and guille trong from End to I by E feeling barrow to All 4 mg of Sounding in so fatherno Julia Sand On coder IS 17 14 mind the Stam about till 60 desto when changed Course is In by Albo Cloud put over pat leg on for I fear the ading 2009, across Mean pleseure sollonage bevolutions is. mº nemer Flom 86 Mama Orecast eloney hay around horow hight to gaster burger from I way alto V. .. Bromske Strady the felling I might See Steeling a Crusy Stoky ( ) to Was Changed Corner to Sty by the Commanding of fire. Mall, Strandard Fit a Cast corny law end Sommanding of fire. Mall, Strandard Fit a Cast corny law end Sommanding of Machiner in from 1/4 to 1014 fathers of the most for figures of the Machiner of the Commanding of the sight study extended by the Commanding of the such strandard from Confinement of Machiner & Machiner of Commanding Office selected from Confinement of Machiner & Machiner of Commanding Office selected from Confinement of Machiner & Machiner of Commanding Office selected from Confinement of Machiner & Machine expertion of senteur. Forest Evant DSD Film Meridian to A P.M. Oloudy and miny Logher to greate burge from Iwan Inty f. Barome Per falling Story Smooth la Stilling course for event letter along at 50 served out chan launch to ffewer all fletous turned in diet, error By oder of the Commanding office and launch to ffewer (Appelled lay) for payer solvey for blead and water officer. At thing at setty Officer (Appelled by Stilling prisoness, soldoundings as follows at 12.40, 16/2 fallow, at 140, 13 fathors at 300, 14 fathors bottom stand and shelle I Luby, Flow to D.M. Medier for overhead with mid a for her on Juille to moderate tower from Surly to Sor at ber changed court to Surly & November of the Sor at ber of the surface of the Sor at the surface of the Surface o Is point on Statoons for Band Several throwing standing up the coal took Soundings every harf wour from 5.30 to Englopenthe May under straw alone, thereiga course set took anchor leady for lithing go Steam predences Its, na levelilium +1.7. WBWhittshey Leght M. Medical Medicale Str & moral & suplit Cape Clearly Cight Kaing for Mby nat 910 Cape From Leght On research of Medicale Str & moral & suplit Cape Clearly Cight Kaing for Mby nat 910 Cape From Commanding Office 1882 to Sus 1/20 por 1649 x 83 at 920 80 5 mby 1/20 por 1882 to 1882 to 1882 to 1884 to 1882 to 1884 to 1884 to 1882 to 1882 to 1884 Ray A. Galt Cals. Prigetor. Eusign al.

LOG of the United States Ship Essay

3 Rate,

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.			lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				Various Courses	1.1.8	3-4			29.68	4	43			nem	Cour	-0	
2					North	2			29.67	rHH	43				"	0	
3				1.6.		2-3			19.61	45	45				"	0	
					18.	3			2960	44	44					0	
				En.E		2			29.60	44	44			ound		0	
6					,	2			29.56	44	44			oew		0	
7				18 ly 6,		2			29.64	43	43				"	0	
8				ENE		2			39.50	43	43			ocim		0	
9					En &	N			29.44	44	44				,	0	
10				n 8.		4			29.36	##	+4			ocv		0	
11			34	nly &		H			29.38	44	14					0	
oon.				Pm		3			29.26							0	
oon.				0					, ,				1		0.000	1	

Course and distance made good since preceding noon by observations,	knots,	tenths.			
(Latitude by D. R.	•	, ,,			
Longitude by D. R.	0	, ,			
Position at Noon : Latitude by observations of O	0	, "			
Longitude by chronometer from Forenoon Observations of ©	0	, ,,			
( Latitude by	0	, ,			
Position at 8 A. M. Longitude by	0	, ,			
( Latitude by	0	, "			
Position at 8 P. M. Longitude by	•	, "			
Current during the time, knots tenths per hour, setting to the					
(Error of the Compass by Azimuth O observed at , ship's head	0	,			
Deviation of the Compass by Azimuth © observed at , ship's head	0		variation used.	0	,
(Error of the Compass by Azimuth O observed at , ship's head	o				
Deviation of the Compass by Azimuth © observed at , ship's head	0	,	variation used.	0	,
Water expended during the preceding 24 hours,		500 gallons.			
		ganona.			
	19	900			
Water remaining on hand fit for use at Noon,					
Coal consumed during the preceding 24 hours,	143 "	1220 lbs.			
Coal remaining on hand at Noon,	143 "				

								-
P. M.	1100	not			,,	Cum		
1	WIN	n. n. E.	2	29.15 46 46	oepy	men green		
2	Why &	Variable	1-2	19.07 48 48	.,		0	
3	wisn		1-2	29.04.4848			0	
4	878.		0-1	39.01 48 48	bem.		4	
5	dw	WSW	48	29.06 45 45	o. emag		0	
6	116		5-1	29.12 43 42	oemg		0	
7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5-1	29.16.42.42	009	1	0	
8	wnw		46	39.18 41 41		4	0	
9	h by n	who	4-6	29.23 40 39			0	
10			5-1	39.243938			0	
11	West		4-6	29.26 39 38		4	0	
Mid.	WSW		4-6	29.26 40 39			0	

under the command of ommandes (,) I strong , U. S. Navy, WEdureday March 11th , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commune Musil H. a.M. Ommento Will hall Orenat cloudy and havy light to medicate here from from N. 1. E to 18 Mile and Strange of from the Strange of the Strange o expended +4 Germ Very Stars and & lookets average Steam pleasing 50 Merchistans 347. Danked fire. Elisign OSn. 410m 4 to 80 m falling as 600 Drucast cloudy and lawy Eght burgs from 1. E. Baronto-falling, as 600 everlying & Newbrast with OSFF flew for at 6.30 made Lynaf MASS 49 Flat the lawring from as 1,00 leag ship made twingand Uniform Lignal 6381, as 130 flag ship made lignal of 939, 8433, 675, as 300 flag ship made signal. Sep galland found in Controlly June at 800 flag ship made signal. Sep galland found in Controlly June From 8a. M. to Mendian Can misty with lang Moderate to gently there from En E. Esto tian made about 9 this scowing it 11.30. Baronneter federing up 10. Made neurole of flagship america. Transferra to the Dolf. New York, Muhael Filey with his bog have made an efficient risk, but have been among the neurosay papers. Olmmudung Officer paud an efficient risk, Druteusux USI. Loutenant lash From Meridian to HPM. Cleaning towards and of worth Right brings from 1 % E. to light received at the Colors made Int Stynd 47 4 y and in fermission bring youth by the flagship fire were allowed to due in Made Mig Way in Junals to Caption Stally (Made Alightee to Caption Stally) Made Alightee to Caption Stally (Made Alightee) out to Caption (N. S. S. Sevenag to Glove tide. Caroniter falling repidly. Land Enanx OSI From 4 to 8 PM. Ormand and cloudy Light burge from W.S. W. to Moderate gale at 4.45 in squally gradually decreasing to moderate burge Burmite, began to hier lapidly after 4.30. Mily lithing atherent flood lide and would RA List de Elizign DAS. From 80 mito midiught Druss, cloudy, hary out cold. Moderate to first bring from w. x. w. Burneter living story Storing to Ebb at 8.05. L. W Hower Oss. Examined and found to be correct. Roger AGALT.

LOG of the UNITED STATES Ship Essex at auder, Hampton Roase Va.

Je Rate,

	1		Reading		WIND.				BAROMI	ETER.	TEM	PERATURE		2	lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
A. M.			Ell	W.Sw.	W. NW.	41			29.30	40	39		beg	hum	1	
2				W. by f.	,	4-1			29.31					Bun.	6	
3				WEX		6-1			29.34				ocq		0	
4			"	Why f.		15-1			29.35						0	
5			Floor	W.f. W.	WEst	41			29.45				beg		8	
6						4-1			29.48	38	38			4	8	
7				N.N.W		5-8			29.53	37	35			Sum	1	^
8				W.ly N.	٨	5-8			29.51						8	
9				Week		5-8			29.64	37	36		,	"	5	
10				Why N	W.N.W.	5-8			39.67	35	35			4	14	
11				WEST		5-7			29.11	35	37				5	
Noon.					4	5-1			29.75	36	38		,		5	
									1					225		

Course and distance	e made good since preceding noon by o	bservations,	knots,		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		. 0 -	,	"		
Position at Noon:	Latitude by observations of ⊙		•	,	"		
	Longitude by chronometer from Fore	noon Observations of ⊙	0		"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
			0	,	"		
Position at 8 P. M.	Longitude by				"		
Current during the		nour, setting to the					
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	,		variation used,	
(Error of the Compa	ss by Azimuth ⊙ observed at	, ship's head		,			
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	. ,		variation used,	0
Water expended du	ring the preceding 24 hours,		4	50	gallons.		
Water	during the preceding 2.	4 hours,					
Water remaining or	hand fit for use at Noon,		14	50			
Coal consumed duri	ng the preceding 24 hours,		/ tons,	116	o lbs.		
Coal remaining on 1	hand at Noon,		142 "	44	0		
		A					

F					TT			T				-
F	. м.									2.		
	1	866	WESK	10. N. W	5-1	129.82	38 4	15	teg	Oir Cam	6	
	2				5-6	29.84	40 4	12	1.		/	
-	3			4	5-6	29.87	44 1	44	1.		1	
	4				5-6	29.90	49 "	Let			8	4
1	5	Flood	nElyE		5-6	29.91	420	89			8	1
	6		n Ety E		4-6	29.96	400	39			8	
	7			"	5	30.01	39 3	38	te	Countr	9	
	8	,			4	30.00			P	Your	10	
	9	666		N. W.	3-1	30.08			19	"	10	1
1	10		Napr	,	321	30.10	363	30				
	11		Andyn		3.5	30.14	350	24	4		10	1
	Mid.	"	Way 1		3-6	20.14	350	34		,	10	
										,		1

under the command of Commander & T. Strong. , U. S. Navy, , 1896 . RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Medught to 4. a. M. Clear cool and threatening first part of worth. Cloudy latter part of worth. Moderate to little form with first squalle from W. N. W. Ensouter rising. Claining to wind and Est turned. Drutemant W.S.N. From 4 to 8 a.m. in squally to moderate gall Thood lide. Moderate burge increasing and lide most of watch sound solvent End Bushells wind for Flagship made 6351. Mouvered. Skutruaut WSV. Mom 8 A.M. to Mendian Squally from Med to N. N. W. Burnelly Riving Is in Jeth garge and a recount of heavy in Jeth gargerays in recount of heavy in Jeth gargerays in recount of heavy is a survey of hustery country that had been what had been survey whether what we had any what we will be needed to be survey to the survey what we will not confirmed growing when the survey when the survey of the surve WBWhurelsey 16 L. Fuller D. S. 16 Endergon J. E. Cator M. W. KEarns W. M. Gowan W. H Murray J. Menin Bro Malthy & Riveryan J. Newtonder M. Bornatin & Richter & Romand, Some Called & Romand, Some Collection & Collection & Blade of M. Delection & Collection & Brown & Comment of South State of Minister & Marine and So. State of Minister & Ministe RA Sindale Irlan 4 to 8 P.1. Olician Bin. Querras from Old Malgoury with pakers and file of passage to the Colomics.
Querras from Old Malgoury with pakers and file of passage to the Colombia.
Ogeneral to Buglised & Walluralk pa grunners lived to the the mile pakers for the the marking to the the many for parties of the the many finders.
Survey of O. B. S. Brank for "Musefured the following the printings to the the Malford parties of the the many finders, Survey of the son of the first of the many finders, Survey of the many finders, Survey of the many finders, Survey of the son of the first of the many finders, Survey of the son of the first of the many finders, Survey of the son of the L. M. name Examined and found to be correct. Him & Mito Midnight. Rusian Dish Clear dud cold Gritle burge with moderate to Siff squalle from & M. Barourte living the Mendy Riding to Good Curried woung to Est the horse Jet fordan Letterant OSh. Roger Ayact Deuteunut Wiln and navigator.

LOG of the United States Phip Esser at Quelon Compton Posts Va.

Sus Rate,

-	Ī	Ī	1		WIND.				BAROMI	ETER.	TEM	PERAT	URE.			Par	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Porms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSea
A. M.			866	Whyf	1.00.	3-5			30.17					feg	Can st.	1	
2 3	-		4		Nay 8	35			30.18					te	Vinit	6	
4				WNW	*	1-2			30.20	34	33			tem	,	5	
6				8hE	"	1			30.25	34	33				,	1,	
8				<i>a</i>		1-2			30.29	34	34			oem	"	0	
9				1864E		2			30.28					fe	"	10	
11 Noon						1-2			30.33					ooms		0	
Noon.									-0.00					o o ma			

Course and distance	e made good since preceding noon by	observations,	knots,	tenths.			
	(Latitude by D. R.		0 ,	"			
	Longitude by D. R.		0 ,	"			
Position at Noon :	Latitude by observations of O		0 '	"			
	Longitude by chronometer from For	renoon Observations of ⊙	0 ,	"			
	( Latitude by		0 ,	. "			
Position at 8 A. M.	Longitude by		0 ,	"			
			0 ,	"			
Position at 8 P. M.	Longitude by						
Current during the		hour, setting to the					
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0 /				
	ompass by Azimuth O observed at	, ship's head	0 ,		variation used.	0	,
	ss by Azimuth O observed at	, ship's head	0 ,				
}	ompass by Azimuth © observed at	, ship's head			variation used.	0	,
	ring the preceding 24 hours,	,,	40	O gallons.			
Water	during the preceding	24 hours		"			
	hand fit for use at Noon,	-4 nours,	105	-0 "			
	ing the preceding 24 hours,		3 tons, 5	80 lbs			
Coal remaining on 1			138 " 21	00			
com remaining on							

				1,439				-
P. M.	188	MIE	2	30.3/3836	romf	Cum	-,	-
2	,	Noah	2	30.325131		4	0	ı
3			1-2-	30.333738		1	0	1
4	. 4		1	30.324039	te		4	ı
5			1	30.36 3736		"	6	İ
6			1	30.373635			6	ı
7		NE	0-1	30.3735 32	fm	Mous	10	ı
8	,,	East	1	30.383331			10	ı
9			1	30.423330			10	ı
10	"		1	30.443230		1	10	
11	, ,		1	30.4531 30			10	
Mid.	N		1	30.463130	"		10	

under the command of Command of C. Strang , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commaurs and Mutel Adign to Cloudy and Good Frulle to Siff house from N War first Shifting to N by E ma & T. E at and Ell tide Lo duby and RAM Flom + to 8 CM Barmetor Neing I 430 roding to flood tide, at Got Stated fure in boilers County December 18 by Made State 45 to permission to Start flore road youted by Flagship December in Department of Supparale Memoral in Supparale WBWhitelory Legentenant DM. Flom 8 a m to Meridiany overage and cloudy Eight air and bergs from 6. 11. & Loght Sun later but of coatch, Made preparation for getting ap audion of 10,30 Christed Meriogation 4890, which is accounted in the afformation by flag Ship Mer Jako. alled are lands up audio and since at 10,50 West altrad Studing up Compton Roads and Elegabrich River for Navy Judes there are of the Commanding offer and Resignation at No au first above Sambert fruit Mudry Steam alber, Steamplessur , Robertions RD. Tisdale From Meridian to a P. M. Origast to Cloudy and Survey Laght Firege to leght airs from M. S. & a North Resing barowite Jed. Journey (IS) select for June lian from to Maple Horse House to Many Jud. Endanged mumbers worth S. P. Banklin and Jan & Comment of your Collier was thuming by a Salute of I guns. Morred to dock Commonding Office. find an office visit to the Commandant. In " Haure Olisign Del) Hom 4 to 8 PM Latte pail Dight burgs to light up from I to the Besinster liqued force of latte pail Dight burgs to light up from I to the Besinster liqued toward of galland the Besinster liqued to the palland the part of the palland to the palland to the palland the force of the palland to Ryn Hate Skutruan RMM Routenan D.M. Narigaton Examined and found to be correct.

Moored to Newy Gual What Porkunch V. Bate, LOG of the UNITED STATES

			Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.		Forms of	lear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.			and the	SSE.	Calm	0			30.47					fm	hour	10	
2				,	Variable	0_1			30.48	31	29			fom	Court	6	
3						1			30.49	32	31				1.	4	
						1-2			30.51	32	31			*		H	
5				,	18	1			30.54					,	"	5	
6				,	,	1-2			30.56	30	30				1	4	
7					,	2			30.60	31	31			. (	Cum	5	
8			1000	,		2			Bo. 62	32	32			,		6	
9						2			30.66	38	38					6	
10						1			30.66					,		6	
11					Calm	0			30.66							7	
Noon.						0			30.66	41	41					6	
									1000	1							

Course and distance made go	ood since preceding noon by	observations,	knots,	tenths.		
Latitude	e by D. R.		•	, ,,		
Longitu	de by D. R.		•	, , ,,		
Position at Noon : Latitude	by observations of O		•	, "		
Longitue	de by chronometer from Fo	renoon Observations of O	•	, "		
( Latitude	by		0	, "		
Position at 8 A. M. Latitude	de by		0	, "		
			0	, ,		
Position at 8 P. M. Latitude	de by		0	1 - "		
Current during the time,		hour, setting to the				
( Error of the Compass by Azi	muth ⊙ observed at	, ship's head	. 0	,		
Deviation of the Compass by	Azimuth @ observed at	, ship's head	0		variation used,	0
(Error of the Compass by Azi	muth ⊙ observed at	, ship's head	0	,		
Deviation of the Compass by	Azimuth @ observed at	, ship's head	•	,	variation used,	0
Water expended during the	preceding 24 hours,		-	250 gallons.		
Water	during the preceding	24 hours,				
Water remaining on hand fit	for use at Noon.		7	200 "		
Coal consumed during the pr			6 tons, 4	160 lbs.		
Coal remaining on hand at N			132 16	40 "		

PER SE	Travelle.	-	-			7	-	1	1	 7	-	THE RESERVE	-	
P. M				000								fram		
1	1			888	N.N.E.	1	20.62	48	48	6	/	Com	7	
2		1.				0-1	30.59	48	48		(	4	6	
3						1	20.58						6	
4				*	2.02	1	30:57						6	
5				Various	€. 1. €.	2	30.57	43	44			,	5	S
6						2	30.58						5	
7	3	6	3.6	898	888	12	30.58	36	34	00	m		0	
8	5	18	9.4	Various		1	30.58			te	m	. 4	3	
9	6	5		23.0%	SElyE.	2.	10.57	138	31			4	4	
10	1	15	19. 6	20 46 3/16		3	30.57						6	"
11	6	1	24. 0		8.18.	3	30.57	131	36				8	b.
Mi	1. 2	1 6	31. 6	N 8 4 8		3	30.0-6					4	8	,
		1												

under the command of Orimnaudal E. Straig, Sisterday, North 14 , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences to & a.M. Matter class. Clouding up during watch. Online to light variable airs. Baronete Many Wawhinley Denteuant W.M. Flom # to 8 a. M. God and damp Bight NE Grages at 8.40 lineted It 5.45 & Flanklin and law afficinative and lovered said lary ligh Farmets. Son 8 am to Merdian Clear and pleasant cloudy at enterozer, Light I'E "brigge to calm Stady baronets. Both Relightless the part of 35 at 11 Octab man sind Del furl ste "Stanking account for fulla sail. Distilling Bruker firs on bookers a c D. Taking in booker from fund for booker L. M. nound Blagon 1000 From Merdian to 4 PM Made Reprotors for casting of from down Right sin from N. V. E. Currents felling.

Made Reprotors for casting of from down Right of Ship is the revenue and be saft.

Olarous and on south for earth and land of No New Jak Rang Jan Historing.

Man legues for the fellowing the land of the Mallow for the fellowing of the land of the Mallow of the following for the land of the land Confrais Colf N.M. Columan CK. Cm > W. Charlend. & Cm > B. Tukulano M. Cook)
Mandano (M. 2018), Wado I (m. 28) fraith Lague Manunch and all excessing perform.
Manor on bound. M. Obsen (Bim es and E. Secrety (Cols) will Lag harmone and
Manor of person, Marior on bound in Egyphenen Destroy of for Lichion how,
helphro and gate valor, and one confitting a B. H. S. H. Sudar Sugar M. 61836 flag high amounts

My roam.

My roam. This to cloudy und hay Bight burn from ESV TS. E. at 4. What the good at Nafort Navy fair and Stood down the Burntied for the Mangato Commer the Steering failers Conners under Steering abour 10 Houth Shouth Steering the Steering failers Council of Clause Conners to the St. To clar Caper Escay, Madel My work Committed New Jan Conners to the Standard Committed New Jan Conners of Mandal My Standard Manuscrass of Mandal Manuscrass of Mandal Ma Madwir 19. Aug Jak ausorred. Revolution 38. Straw pressure, 58 , AS, 50 Called division to quarter Stationes pud extrused for quarter and about This y End Storing Stephe. Examined and found to be correct from 8 Pm to Medughs Vather charlight guite buya from Soly E, to & S. E. Basoma trusteady . Ships lenan Stem alon Stewding out of a pro and up for cape charter light his ed severa Baifing tracks and sour faster by Mars and 18 18 18 to the sound up for the several stank of mile sound and show it is not to the several stank of the mile sound and several in the several stank of the several stank of the several sever No Vivalettars 38 withing win. Hogen H. Yall Lautenand W.S. V. Merigator

OG of the UNITED STATES Ship Esses Strate, Morking passage from Portsmouth It. to New York My.

-	1	1		1 1	WIND,				BAROME	TPD	TEM	DPD 42	erro e	/		26	2
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Dry b.	Air. Wet Balls.	Water at	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.	6	8	42.6	185/8N	ES. E	2-3			30.54	31	36			be	Cum	1	of
2	1	-	49.8			3			30,52	37	36			"	"	1	,
3	6	8	57.3	*		23			30.48					ie	,	0	
5	6	+	70.5.		Elyt	3			30.50	38	37			,		0	
6	6	8	84.4	,"	"	7			30.50	37	37			,	6:	0	
8	1/2	5	91. 9	116/28		3 3-4			30.48					ocs	News	0	
9	1	1	49. 2	WW6/16	8.1.8	3_4			30.41	35	35			oem		0	
II Noon.	8	5	15.1		"	3-4			30,37					"		0	**
Noon.	1		70. 2		•												

Course and distance made good since preceding noon by observations,	knots,	tenths.		
(Latitude by D. R.	0	, "		
Longitude by D. R.	0	, ,,		
Position at Noon: { Latitude by observations of •	0	7 "		
Longitude by chronometer from Forenoon Observations of O	0,_			
(Latitude by	•	, "		
Position at 8 A. M. Longitude by	0	, "		
( Latitude by	0	, "		
Position at 8 P. M. { Latitude by Longitude by	0	, "		
Current during the time, knots tenths per hour, setting to the				
(Error of the Compass by Azimuth O observed at , ship's head	0	,	*	
Deviation of the Compass by Azimuth O observed at , ship's head	0		variation used,	
(Error of the Compass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Compass by Azimuth O observed at , ship's head	0		variation used,	9 ,
Water expended during the preceding 24 hours,		too gallons.		
Water Distrilled during the preceding 24 hours,	1	fro "		
Water remaining on hand fit for use at Noon,	11	00 "		
Coal consumed during the preceding 24 hours,	/6 tons,	1560 lbs.		
Coal remaining on hand at Noon,	116 "	80		

												ı
P. M.									6.			
1	9	0	34.2	118/28	898	.4	30.293939	oem	feit	-0	8	ı
2	8	1	42.9		18	4.	30.25 3939			0		ı
3	4	69	47. 5. 52. H	NE'S/1	4	45	50.213939	"		0	4	ı
4	9	4	61. 8		888	5	30.183937	oerns.		0		ı
5	9	7	11.5			4.5	20.1338 27	ocum		0	^	
			80.78		*	4.5	30.083837			0	10	
7	8	1	89.04	,	98	45	30.053837			0	-	
8	8	1	98. 1			4-5	30.04 3837			0	4	
9.	6	5	104.6		."	12	30.00 3837			0	4	
10	6	19	111.5		South	2	29.98 39 39			0	9	
11	6	6	118.1		Sor	2	29.98 +1 41	oemd		0	*	
Mid.	1	6	25. 1		W.S. W.	2	29.984141	oefd		0		
								,				

under the command of Osmmander & T. Strong , U. S. Navy, Sunday March 15th , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Medicah to + a. m. NE 1971 (pe) at 15 log Sland Right four on pot trace de last 9 9 miles by North, Mar Span down bollers e. D. wengs Slan plessur so wrage weolutions 41 , Smooth fea. (RA, Visdale Elegin RSM Fum 4 to 8 a.M Downast and cloudy Light Survas End of which Grutte there from But by S. to East Steady Facounter By reduce of Colomanding
Office to Changed Course as follows 150 to May to fat lag 88-145 hope to properly
fact log 89 de at 8 to Niver had log 91.9. Aid O'Clock Let fet for topoman tapsais,
Marrity saif and Spanker at 500 sighted beatragen by thereight Not at and
of watch States and Superior 1919 Sup, on part for destant about a mules arrange Steam bleseur, 8+4, levolution 39.5. mª nound Them 8 am to Mendian Overast and gloudy Gruthe to moderate brigge flow East Elseign WIM to OSE Caramiter falling rapidly Spring a course N.N. H. under four and afthough and Strawed & Midter Marter Swell Soft Ship a trayer at 915 Instant all home By order Oming Officer is 8,5 Changed Course to ME 1 8. af raso set foreaisend topeails. at 1150 Reurick Saland Sight Ship a trave Instant 2/4 houles try book, traver, and quarter traings Urage Steam 55th Werage Revolutions of Jet fordou Chritenay W.S.M. falling Moderate to High trace from Est as few have lung to St. Elach hours. Cargneter falling Moderate to High trace from Est. as few having to St. Elach hour Smooth fear stronge on the 1/x E will so when passed Sive suffices Each Court Supply Sup Clos at just on fat hand and changed Course to ME: HI. To Rog # 15. Be 340 passed n. Sand Reght Mich distant NA Meles, the for hand lines, the am and said to upsail weeps manused Revolutions of Steam pleasures. Flow Meridian to 41 Flom 4 to 8P1 Helf throw from Ble to St Barmetor facting at Sto took in all square sens listed for Stancias Standing for the Coach For Soundings at \$100 and To in fand 1 r fathour fellow Sand Many pleasures lb. no levolutions 48. WBWhiteley Them of the Manight.

Settle and the property of the property Show I while per out no side lights with rayinear had no partied light at all though guit neather. Sught ground swell, Mean pleasure the 55 Kevolubion 386 Mistale Rayun H. Galt augn DAn. Leutenant Win. Kongator,

Moking hasse

Ship Essel 30 Rate, Show Into Men Last

Hour.			Reading	0	wind.				BAROME	BAROMETER.		TEMPERATURE.			Forms of	Clear 10ths.	- New
	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	Stateofthas
м.	42	%	30.6	1.8 of m	2022	,			29.96					sefs	Cum	0	1
2	1	6	40.8		nne	2			29.94	39	39			oe me	4	0	
3	2.5	7	44.5	Ni/xx		2			29.94	36	36			"	+ 1	0	
	1	6	50.0	East	NY	2			29.94	35	35	-		"		0	-
5	3	2	53. 2	Elyf	Λ,	2			29.94	35	35			cer	,	0	
6	1,	9	54.3	Why N		2			29.94	35	35			1,		0	
-	4	1	58.0	Myr	NELyN	4			19.93	32	3-			ocsmh		0	
8	46	6	69.5	N31/27		4			29.92	32	31			"	*	0	
9		3	75.8	Various		3			29.91						,	0	F
0			137	"		35			29.91.							0	
1				Nrty	N.N. E	3-5			29.89							0	
on.				Nby 8/28		23			29.89					ocshing		0	-

					6	
Course and distance	e made good since preceding noon by	observations,	knots,	tenths.		
	(Latitude by D. R.		0	, "		
	Longitude by D. R.		0	, "		
Position at Noon:	Latitude by observations of O		0	, "		
	Longitude by chronometer from Fo	renoon Observations of O	0	, ,,		
		# .		, ,		
Position at 8 A. M.	Latitude by		0	, ,		
			0	, "		
Position at 8 P. M.	Latitude by					
	( Longitude by		•	' "		
Current during the	time, knots tenths pe	r hour, setting to the				
( Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	•		variation used,	0
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth @ observed at	, ship's head	0	,	variation used,	0
Water expended du	ring the preceding 24 hours,			Loogallons.		
Water	during the preceding	24 hours				
	n hand fit for use at Noon,			800		
	ing the preceding 24 hours,		1 tons,	120 the		
			108 11	600 "		
Coal remaining on	nand at Noon,		100 "1			

		1					
P. M.	1.646	18	23	29.83 32-31	och	Sint	-1
2		48	23	29. 18 33 32 -	0		0
3	North		8-4	29.75-33 32	ocaf		0
4	N. N. E.	"	23	29.1233 32		*	0
5			34	29.68 35 32			1
6			2-3	29.66 3532	oesf		0
7	Sky m		3-4	39.66 35 33	ochfil		0
8	S.S.W.	118	2-3	29.6636 34	oers	4	0
9			2-3	29.6135 38	ocil		0
10		MAN	1	29.6235 33	och		0
11	WhyN	,	3	29.62 35 33	oe-		0
Mid.	North	"	3	29.63 34 32			0

under the command of Ormnauds C. T. Groung Mayday, Mayde 16 , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communication of the Alexander of the state L. m. name Flom 4 to 80,11 watch Death and Moderate Prince from ME to Mely Mon last part of the falling By ada of Coming office changed Course at the to be by a 150 to by have to way to to by have to the property and to be to Casto of the lead in from of to 10/4 fathern bottom grey sand broken spices. Ship and steam along rounge Steam of the poorings perolution 40. Quetruant DM. From & a. m. to Mendian. Loght to stiff bergy from No to N. N. S. At & 15 to K petet on board Stirring thereon Pills Comming the Ship Sandway with his and square Stirring theory from No to N. N. S. At & 15 to K petet on board Stirring theory for Course Mongrier were gave permission to plant of the go stayboard ayelor in g futhers with Ship to Committee of the form with the form the stayboard ayelor in g futhers with Ship of the Committee of the stay of the st Flom Mendrau to H 1.1. to moderate burge from nE Balowett falling & both de goling rain right WBW buildry Destruct Bon. Hom 4 to 80 m Weast cloudy foggy damp, cool, disagnester wrather toght to Myderate burgs from 1 E and 1. n. E. Thunder and lightning between 6 and 1. Senugts flood like at 6.30. R. Tind Rosindale From 10 Mb Midwight oursest cloudy and sainy few part Clearing around horizon at End of watch Begintung to 1th man 1. Barometer meanly Strady Coming to Est at 11.15. Sught to greath bruze from N. 17. Elo N 1771. Rayers Hyalt Show Elegen W.M. .. Narigaton

LOG of the United States, This Essel 310 R. Wille States States Say of Smpkinsille States Stands LOG of the UNITED STATES

Prop of Clear Sky, in 10ths. State of the Sea. COURSES STEERED by Standard Compass. Direction by Standard Compass. A. M. bomy bung it Nay & 2961 34 33 n.20. 29.613433 3-5 oeg/m 8-5 North 29.673433 29.6734 33 4-6 Nay & N.N.W. 29.12 33 31 3-6 3-6 29. 14 33 31 29.19 3332 A Wley N 46 An. 29.833231 24 Various 29.853231 8-4 29.893433 45 Dout 29.913939 moored to 4 29.95-43 46 8.1.8. 4.5 Noon

Fud Rate,

Course and distance	ee made good since preceding noon by observations,	knots,		tenths.	
	Latitude by D. R.	•	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ②	•	,	"	
	Longitude by chronometer from Forenoon Observations of ©	0	,	"	
	( Latitude by	0	,	"	
osition at 8 A. M.	Longitude by		,	"	
	( Letitude by	0	,	"	
osition at 8 P. M.	Longitude by	0	,	"	
urrent during the	time, knots tenths per hour, setting to the				
rror of the Comp	ass by Azimuth O observed at , ship's head	0	,		
eviation of the C	ompass by Azimuth O observed at , ship's head	0	,		variation used,
rror of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,		
eviation of the C	ompass by Azimuth O observed at , ship's head	•	,		variation used,
ater expended di	uring the preceding 24 hours,			gallons.	
Vater Wisk	elled during the preceding 24 hours,		100		
ater remaining o	on hand fit for use at Noon,	1	150		
oal consumed du	ring the preceding 24 hours,	3 tons,	28	O lbs.	
oal remaining on	hand at Noon.	105 1			

P. M.									
1		SE by 8	wnw.	4	29.98 14 43	be	Cum	-9	
2		,	"	4	30.00 H5 HH	,		19	
3		,		4	30.02 44 43			8	
4		•	4	3-4	30.0543 43		4		
5		,	A. W.	3	30.054241	bom		8	
6				2	30.08 41 39			7	
7				2	30.113836	6m	Vou	10	
8		4	*	2	30.13 38 36	9	"	10	
9				23	\$. 15 3735	+		10	-
10				1-2	30.1836 34		4	10	
11				1	30.2036 38			10	
Mid.				1-2-	30.223535	"	"	10	
						And in contrast of the last			

Tursday March of , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Manight to + a. M. Clear frestand latter part cloudy list of watch.
Mist or Survey around form on ugly to reaward Justices moderate
burger worth Steff Squally from N. W. Baronerts Steady Coding to Est Mordon Reputenant RM. From to 8WM. Olear and cold Dight to first burge from N. N. Wanse N. W. Squally Barometer using Carden ret morning orders, at 1.00 Spread fire and at 150 trought to Starboard Chair. Suffriant DM. Flam 8 a.M. to Merchay, Weather Clear and cold. Moderate to slift ourge from 1 ry 1 to W. N. W. Barometer Naing Ut 9 Octor got underway and Stood at for this Narry Jan. ax 9.50 made the Ships munty which was busevered by the Receining Ship How fired a Salute of 11 Guns which was answered by Seven guns from the They your Secured alongs at the Coal they assisted by They ford by Mary fact by Mary ford and Started testilling The County Office and an Officed visit to the Commandar of the Roy feel Morrage Steam felessurs puis to Molecular office who have for the Morrage Steam felessurs for the Notes of the Morrage Steam felessurs for the Morrage Steam felessurs for the Morrage Steam of the Morrage Steam felessurs for the Morrage Steam of the Morrage Stut to the B.S. Vermon). WBWhiterlay 20M. Steering alongside to hay Delieved in Equipment I Parting Complete, Transferred to the DBS. Brunning 51 mon Hought from the DBS Brunding of Month Hought from the DBS Brunding of from the Montgomen and J. Bruteman (Sc. Clas) of this reary. From Mendian to 4! RA Trodale Blough DOM. Flore to 8 P.M. Weather clear with light to greater trans from A. W. Berometer liaing. lising. WBWhiteley DAM Them P.M. to Midnight Cloudless and Cold, Bight N to be kurge and air Blisign OSM. Examined and found to be correct. Royne H. Sact. Navigator

LOG of the UNITED STATES Ship Essey
Woord to Coal Dock May Jand, New York

Sid Rate,

			Reading		WIND.				BAROM	ETER.	TEM	PERA		State of	Forms of	Clear 10rbs.	a Sea.
	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 16	StateoftheSe
M.				JEly &	N. W	2			30.23	35	33			6	Nous	10	
				"		2			30.23	34	32				4	10	
				11		2		,	20.23	33	31			4		10	
						12			30.24	133	31					10	
				,	"	0-1			30.26	32	30			be	Str. au	.8	
					TONDO	1			30,29	32	29			bem		8	
						1			30.30					,	4.	8	
						0-1			30.33	41	34	4			"	8.	1
						1			3034	44	40					5	-
1						0-1			30.30						,	5	
1						0-1		,	30.30	45	43			ocm		0	
					Mariables/	0-1			30.31	DH H	HA	-				0	-

Course and distance m	ade good since preceding noon by	observations,	knots,		tenths.		
(L	atitude by D. R.		0	,	"		
L	ongitude by D. R.			,	"		
Position at Noon : {	titude by observations of O		0	,	"		
	ongitude by chronometer from Fo	orenoon Observations of ⊙		,	"		
(L	titude by		•	,	"		
Position at S A M	ngitude by		0	,	"		
. (1	titude by		0	,	"		
Position at 8 P. M. {	ongitude by		•	,	"		,
Current during the tin	e, knots tenths pe	r hour, setting to the					
Error of the Compass	y Azimuth O observed at	, ship's head	0	,			
Deviation of the Comp	ass by Azimuth @ observed at	, ship's head		,		variation used,	. 0
error of the Compass	y Azimuth @ observed at	, ship's head	0	,			
eviation of the Comp	ass by Azimuth O observed at	, ship's head	•	,		variation used,	0
Vater expended durin	the preceding 24 hours,		. 2	50	gallons.		
Water Ostules	during the preceding	24 hours,	1	50			
Vater remaining on h	nd fit for use at Noon,		15	50			
Coal consumed during	the preceding 24 hours,		/ tons,	160	lbs.		
Coal remaining on han			110 "	_	"		

P. M.	00.0					6		
1	18 by 8	Variator	0-1	30.33 45 49	tom	The.	2	
2	4		0-1	30.33 44 46			4	
3		SEbyf	1	30.294243			6	
	,	. '	1	30.2939 38		0.	4	
5	,	4	1	30.283831		Cuin	#	
6	, ,	4	1	30.263831			-	
7		4	1	30.26 3937		Gun	5	
8			1	20.26 39 37		*	5	
9		,	1	30.253937	4	4	3	
10			1	30.2338 37	o.e.m		0	
11			1	30.23 38 31	f.o.m	Que	H	
Mid.		,	- /	30.223836			6	
							24	
			-		-		-	100

under the command of Ormnauds & J. Strong WEdursday, Magh 18 th , U. S. Navy, , 1896. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and Maris Ha. M. Clerrand Ored. Light N. Woly Grage. Barometer heavy Meany. In monamer Bligger WS. M. From H to 8 a. M. Weather clear and pleasant, Bight air from 177. to W. M. W. Barnet or Mesing, at 150 Coas lighter Cameralongside. Commenced Coaling Ship. Wellived in Department of Supposional tremute 36 lb. berfisheld regulables and 19th band. 200 Destrued DIN. Gloride and flow & By & Relevant from BARD. Peturon and flowers Ramunoka and lique for people of both to be shown From MEndian to 4 P.M. maniela toro line Jumed into store to be reserved by "Exery". I. M. Names Smer Eurign Will From 8 a. M. to Meridian Weather clear chriding up toward and of water. Only to light any from W. M. Baroneth ruling, Organized in Cooling ship forgestion profound against W. Burker, Blow, class, Ever activered to him as the what WBWhiteley Sindman X, M.S.M. From 4 to 8 M. Juin misty and cool Sight & Elevino, Beriord in Odusur Department ranget Sail and the Busign OSA From 8 a.M. to Medicific Cloudy to overest, light burge from S E buy & Falding bacantes. Roger Hight & M. Buegorbell.

LOG of the UNITED STATES Ship Essel.
Mooned to Coal Dors May Jana, New Jas Co

34 Rate,

		_			- 6	10	/			(	/					_
			Reading		WIND.					-		PERATURI	State of	Forms of	Clear 10ths.	no Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in I	State of the Se
A. M.				Stuff	8.1.8	1			30.19	38	31		0.0.m	Cum	0	
2						2		,	30.14	38	37		bem.	,"	2	
3						3			30.06	38	37		6 e.m.	Truit	=0	
						46			Book	38	37		oeum		0	
5				,		3.3			29.96	38	31		our.	4	0	
6						45	-		29.92	38	31		,		0	
						34			29.85	40	29		ooum		0	
8						46			29.17	tr	40		,		0	
9				u		X.5			14.41				. 22	"	0	
10						×			29.10	XX	XV			1	0	
11						X			29.62				•	. ,	1	
Noon.					,	x.5			29.50				7	1	0	
				*						-						

Course and distance made good since precedi	ing noon by ob	servations,	knots,		tenths.		
(Latitude by D. R.			0	,	"		
Longitude by D. R.			0	,	"		
Position at Noon : Latitude by observation.	s of O		0	,	"		
Longitude by chronome		oon Observations of ⊙	0	,	,,		
( Latitude by			0	,	"		
Position at 8 A. M. Longitude by			0	,	"		
			0.	,	"		
Position at 8 P. M. Latitude by				,	"		
Current during the time, knots	tenths per ho	our, setting to the					
(Error of the Compass by Azimuth ⊙ observe	d at .	ship's head	0	,			
Deviation of the Compass by Azimuth O obs	served at	, ship's head	0			variation used,	0
(Error of the Compass by Azimuth O observe	ed at ,	ship's head	0	,			
Deviation of the Compass by Azimuth O obs	served at	, ship's head	0	,		variation used,	0
Water expended during the preceding 24 hou	ırs,		550	•	gallons.		
Water during the	e preceding 24	hours,			"		0
Water remaining on hand fit for use at Noon	,		1000	0			
Coal consumed during the preceding 24 hours	s,		/ tons,	160	lbs.		
Coal remaining on hand at Noon,			8 2				

P. M.							-4			
1	S. 10. by 8.	\$.3.6.	O.X	19.50	×λ	0x	oung.	Luin	0	
2	, ")		29	vy.xx	W8	10			0	
3			6.9	200	px	×8	Sombel	1	0	
4	,		2-8	~q.5X	PX	PX.	remdag		0	
5			8.0	80.00	81	51	amy	4	0	
6	, \		5.8	20	51	51	bempy		~	
1			X.1	29.25	50	50	bring.		V	
8			0.0	24.2X	50	50	actor,	4	0	
9			1	~ ~ ~ X	×α	Xq		1	0	
10		W.S.W.	N	29.22	50	50	and	,	0	
11			9	19.77	&x	d.X	" .		0	
Mid.			N	29.20	X	XX	ben.	1	×	

under the command of Ormmander & T. Many

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Moderight to 40 M. Orward cloudy and pagy laining last how of watch bight air to first burge from S. E. Baronites falling. De Ligarterant DIN. From 8 Q.M. to Mildian Precast and cloudy, sain and mist.
Moderate to fresh there from So on Squalle Baronets spaling
pute sapidly Rolling did Say Department for issue to crew its the
prob bled Rolling From & W.W. Xo Windian.

Oricas V doedy, viny, moderate to stiff
bruges from 62 & 6. Barmeter falling rapidly. Brigaged in Sulling
hammode. I stong in fresh water from Jacob for boiler. I discussed
good conduct dasp to m. andrewn, I of Hold.

L. M. name I som Medidianto it D.M. - Doneast, doudy, he ary cain first part of wards. Moderate to feel house with very blany equals from E. & 10! Darsmeter falling repeally - I constituted to U. & d. & Virmont; A. R. Green, Writen by How, with bag, hammork and newsay transfer paper. From It p. 11 to & p. 112 - Quecast to cloudy, with rain aqually first part.
Moderate burges to moderate gales in equals. I alling barowith.
M. Names
South Chrisque. U.S. 11. Anon & p.m. to Midnight. - Loudy and foggy first of watch the aring last how & class of watch through the four & & le le to to the watch was been a common to the watch which was a purposed with the watch th Juj. Shidanaw, U.S. W.

Examined and found to be correct.

Roger A. Galt Vive Warrenton

LOG of the United States Ship Osser 3 Mooned to Doch Dock, Navy Yard, New York

3.0%	Rate,
90	Rate,

			Reading		WIND.				BAROME	ETER.	TEME	PERATUI			Hear Tebs.	e Nea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balb.	Air. Wet Bulb.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
A. M.				\$.10.ly 8.	N.Q.N.	5.5			222	*5	×8		bug	Lumxx	6	
2				, 0		v.×			19.00	×3	×		"	1	10	
3				•	•	3.6			va ~~	XI	*0			1	٨	
+					1	8.k			20.00	×	No			4	3	
5					Q.S.W.	x.5			29. 28	W1	×o			1	~	
6					. ,	X.5			29.32	×I	*0			1	V	33
7					Kark	×.5			20.34	Xo	38		60	ninkenn	. 0	
8					New Yas VI	x.5			14. XI	99	31		0001		0	
9				•	W.W.	0.4			~9. X8	38	31		bug		3	
10					,	V.V			29 59				, 0	4	×	
11					W.W.W.	e/x/			29.58					4	5	
Noon.					,	V.V			rq. 59						5	
														A CONTRACTOR OF	-	-

Course and distance made good since preceding noon by observations,	- knots,	tenths.		
(Latitude by D. R.	0	, ,,		
Longitude by D. R.	•	, ,,		
Position at Noon: Latitude by observations of ©	•	, ,,		
Longitude by chronometer from Forenoon Observations of O	•	, ,,		
(Latitude by	•	, "		
Position at 8 A. M. Longitude by	•	<i>i</i> "		
(Latitude by	0.	, ,		
Position at 8 P. M. Latitude by Longitude by	•	, ,,		
Current during the time, knots tenths per hour, setting to the				
( Error of the Compass by Azimuth O observed at , ship's head		,		
Deviation of the Compass by Azimuth O observed at , ship's head	9		variation used,	0
∫ Error of the Compass by Azimuth ⊙ observed at , ship's head	0			
Deviation of the Compass by Azimuth O observed at , ship's head	0		variation used,	0
Water expended during the preceding 24 hours,	100	gallons.		
Water during the preceding 24 hours,				
Water remaining on hand fit for use at Noon,	000			
Coal consumed during the preceding 24 hours,	/ tons, 3,	60 lbs.	-	
Coal remaining on hand at Noon,	167 " 17	20 "		

1	&. 6. by S.	K.W.K	x.5	19.60	,Xn	VA.	bog	eum	0
2	1.0.00		e.v	es. po			,	ccom	8
3			e/x	20.60			4		9
	*	*	e/x	29.64	NO	X1			9
5			d.X	20.10	39	31	Login		Y
6		*	<i>v.</i> k	29.1x	84	35	,		1
			0.1	vq.18	34	34	,	4	0
			d.x	vq. 83			C.9.	word	10
9			9.6	va 88			, ,	4	10
0		N.W.	XA	10,00	28	26		4	10
1			X.A	va ax	20	25			10
id.	+		XA	19.90	The same	10000		1	0,

under the command of

Commander & S. Extrag. Eniday, Warch, Vo

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Widnight Xx X O. W. Samanderst: gandw Xx exiff bruge from W. E. W. Barancker exceeding Barander steady. J. S. dufy, grom XX0 & W.I. W. S. W. X. W. By W. Ching baronetre. Received in Department of Supplies and accounts fresh provisions as follows, Beaf 41 lbs. Vegetable 41 lbs. Observed 1 1.45 made signal "In" 5455" Veneral answered "Jes" Loosed sail to dry. a. Ma Haun Smen Ensign. N. G. W. I rom & w.m to maidian. I have and cook. Moderate breeze with fresh equals from N. W. X. W. X. & Baranete vising. Got provisions about. On 1. 40 10 answered yes dished sail. Sont W. A. Burker, S. m. v. it and intresses to Court Martial Room, Nany Ynd, when General Bourt Martial was in sersion. The prisoner was returned at 11.30 and reconfined. Received in board in Department Bonestruction and Repair, 12 Yak Badlooks and 40 1 inch cup hooks.
Nany Yard washing repairing afficies galley. J. W. Frenkmant. 11.5.10. I com Maridian to x p. m.

Baronethe island and cool. Moderate to Just bruge from W.W.W.

Baronethe island. Accessed in Elgerip ment Days, me portable forgrand

two grate base forgally. I complete sets Verificated injects signale

Suned into start, so given lights, 100 and lights, 10 apart grand states.

Ex apar such atas. a pixth, & frogs, is the grander, 1 art subsacting tools,

x x comparting case and bags, or the lights, & signal light discharges, 15 process

aire caps. Two painters from Elgerip ment Days at work or brand.

Beinted poop dards. John Singhan , W.S. W. from W. W. W. Carometer sixing globalan Surger with Just equallo July Trans. 11.811. From 8 p.m. to Midnight. Gowth to fresh brigg from W. W. W. and W. W. Squally. Barometer siving Jank. Examined and found to be correct.

Roger Styset

4-206

LOG of the United States & hip Osser 8th Rate,
Woord Xo Oral Dola, Nany Yand, New York

	Reading of Patent Log.	Randing		WIND.				BAROME	TER.	TEM	PERAT	URE.			lear ths.	. Ses	
Hour.	Knots.	Tenths.	of Patent	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.				2. W. Sng S.	жж.	e.x			29.90	~×	25			b.g	now	10	
2				, 0		d.X			29.90	vx	23			,1		10	
3					1	x.5			29.99	vX	22					10	
4					•	x.5			30.08	23	22					10	
5						X			30.08	NX	23					10	
6				,	,	X			20.09	nuk	22	122		,		10	133
7				,		X			30.19	26	2×			٨		10	133
8					,	X			1.00	14	26					10	
9					N.N.N.	s.x			30.1	xo	33		1	long		10	
10						5			20.00	3/4	33			Im.		10	183
11						3	-		30.00	21	xe.			bone	innen	1.	1
Noon.					N.W.	8			04.0C	×0	38					0	
									١.,							1	-

Course and distance	ee made good since preceding noon by observations,	kn	ots,	tenths.			
	(Latitude by D. R.		,	"			
	Longitude by D. R.		. ,	"			
Position at Noon:	Latitude by observations of ⊙		,	"			
	Longitude by chronometer from Forenoon Observation	ons of O	. ,	"			
	( Latitude by			"			
Position at 8 A. M.	Longitude by			"			
	( Latitude by			"			
Position at 8 P. M.	Latitude by Longitude by		. ,	"			
Current during the	time, knots tenths per hour, setting to	the					
(Error of the Compa	ass by Azimuth O observed at , ship's head		,				
Deviation of the Co	ompass by Azimuth O observed at , ship's her	nd .			variation used,	0	,
Error of the Compa	ass by Azimuth O observed at , ship's head						
Deviation of the Co	ompass by Azimuth O observed at , ship's her	nd	,		variation used,	0	,
Water expended du	aring the preceding 24 hours,		100	gallons.			
Water	during the preceding 24 hours,			. "			
Water remaining o	n hand fit for use at Noon,		800				
Coal consumed dur	ing the preceding 24 hours,	/ to	ns,960	lbs.			
Coal remaining on	hand at Noon,	166	760	"			

				No. 12 Printer land					
P. M.	8. 6. lugs.	N.S.W.	9	ex vr.ac	VV.	bom	in.um	1	
1	, ,	1	3	30. or xx	XX		1	9	
2		1	N	14 14.00	×1		1	8	
3		1	N	1X 14.00	X	1	4	8	
4		: 1	~	20.21 XX	XV	1		8	
5			N	20.21 40	×0		1	8	
6			1.0	1X 14.00	39			9	
7			1	20. N X1	99			9	
8			1.00	ox at ac	38	A	none	10	
/9			1	0x 00.ac	38		1	10	
10	-		1	80 04.00	36		1	10	
11	. "		1	12 81.06	25	Jad.	4	8	
Mid.				20.	1				

under the command of Commandow D. L. S. Navy, Que Caxulay . W. S. Navy, 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

NECOND OF THE MINUTEDIAN BOOK BY EATS OF TH	DAI.
8	
I ran Midnight Xo XXIII. Washer draw, moderate to frak be from X.W. Carometer sising.	
Som X. W. Carmeter rising.	ange an equate
0	Wis War Lunant, U. S.W.
<i>X</i> .∨ <i>X</i> ∨ a <i> X</i>	W. B. W. Kunant W. B. W.
Show YA. W. to S.A. W. Wodnate bus phon and what. Wodnate bus siving. Crained on board in Dept Supplier	- A WY
rising Received on board in Dept. Supplies	and accounts.
man the reason when the arrow order arms arms or	was successful successful.
	minor
\$ \$ X Xo Was X	J. 10 of demisman, M. p.10.
Show of when you was a worker	.W. K. W. more round
and Y. W. Barometer rising elightly at first	hu strady.
Received in Qquipment Make I winder and con	is, 3 boat colors, 1 stram
exter conspy and curtame, "Manitopment stan	Xun aleman of mach
A now & M. M. Wo Minderen.  Jenetho & moderate  Jenetho & moderate  Jenetho & moderate  Jenetho & M. X. M. A man give a first of  Jenetho was consumed  Jenetho & M. X. M. A man give a moderate  Jenetho & M. X. M.	
	Street, Wall.
h m · \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	J. S. V. Smand, U.S. N.
Washing day and phasany, and	and thail of ule.
Som W. G.W. Baroneter strapy. Paymast	is While John Baly,
reported for duty on board this shelp. Olegin	ad in Dapit Supplies
and accounts, HO Was buy and Ho Us. veger about	wisuhinglery
	4. B. H. Vinsmand, U.S. 4
From Merick Xo XP.M.  New W. W. Bournester stragery. Bournost reported for during one board this state. Otterior and accounts, 40 lbs. brof and 40 lbs. veget alter	16216
Whan and cook, Walm to light to	with from W. D. M.
Baronethe steady; Soul wend band on show	& huly
Arone H P. M. X & P. M.  Bloom and cook. Is alm X light be Barometer strady; Sent Whity party on show  Arone & P. M. X Midnight.  Wrother show. Higher airs from V	Jal. Southman, U.S. W.
From & P. m. to midnight.	Ve We X
The day	1.9.11. 10000000,
	W. B.W. Simmon V. U.S. W.
	M.F.M. romander Will. 14
Examined and found to be correct.	

Ragues H. Galt. Sindman V. U.S. W. Vocasgoton

LOG of the UNITED STATES Ship & see 3th Rate, World Xo Doub Doub, Navy Yard, New York.

			Panding		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			Hear Mehr.	e Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balls.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				Byd. 2. 3	N.B.	1			30.18	34	کد			4.0	·~	8	
2				1		1			20.16	34	35					8	
3					H. S. B.	1			×1.00					4	1	8	3
4 5					5.11. ph 11.	1			20.08		1000				,	8	
6					,	1			80.10	29	21					0	
7						1			20.10	100	24			,		V	
8 9					, .	1.1			20.10		1.			ox.		0	
10					,	1.1			Dr. 10					4.0.7	mellen	1816	100
11				•	,	1			90.15		1000			8. U. N.W	1	0	
Noon.						1			80.13	W.	XV			•		-	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	0 '	"		
	Longitude by D. R.	0,	"		
Position at Noon:	Latitude by observations of O	0 ,	"		
	Longitude by chronometer from Forenoon Observations of O	0 /	"		
	( Latitude by	0 '	"		
Position at 8 A. M.	Longitude by	0 ,	"		
	( Latitude by		"		
Position at 8 P. M.	Latitude by		"		
Current during the					
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,			
Deviation of the Co	ompass by Azimuth O observed at , ship's head			variation used,	
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	, , ,		variation used,	0 ,
Water expended du	ring the preceding 24 hours,	NOO	gallons.		
Water	during the preceding 24 hours,		"		
Water remaining o	n hand fit for use at Noon,	600			
Coal consumed dur	ing the preceding 24 hours,	1 tons, 60	lbs.		
Coal remaining on	hand at Noon,	165 " 701	, "		

P. M.								
1	86. by 9.	Q1. \$ QU.	2	30.14 43	42	0.c.p.m.	cum wint o	
2			2	30.13 43	42	0.c.m.	. 0	
3			2-3	30.14 46	46	b.c.m.	eir.eum 3	
4			2	30.14 48	47		. 4	
5		19.	2	30.17 49	48		. 4	4
6	*		2	30.20 49			. 3	100
7			2.4	30.21 47	45	0.0.9.	. 0	
8			2.4	30.24 47			- 0	
9	"	At Ot. by N.	2.4	30. 28 46		1.0.9.	cam wint. 2	
10			35	30.29 44	41		. 2	
11			3	30.32 42		f.c.	cir. cum. 3	1
Mid.		1. 1.01	3	30.32 41	39		6	
1								

Donnander, O. I. Show of Sunday, Warch 200

, U. S. Navy, , 189/2.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a 9h Clear and cold . Light air from 9.94 to 9.904. Falling baroneter.

L. A. Hami

From 4 to 8 a. On.

Chav at first cloudy last half Eight airs from 494 by 94 Barometer riving elightly

first half , then steady barried out morning order. Librity men returned.

L's her grant ou & a.

From 8 a. On. to merid.

I Col. by Ch. I. J. Chuetade overeast and cloudy, with rain last half of watch. Light airs from I Ch. by Ch. I. J. Clouetad (Lole) was declared a deserter from the 19th inst. having brown absent without leave with manifest intention of deserting.

WBWhitelary

From Oreich. to # G.M. Dowoast to cloudy and bayy. Light to quitle breeze from O. & D. & teady barometer. Oransferred to Clavel Frequency York, A. Orlater, (F. On Mate.)

L. M. name

From H to 8 P. M. Cheather cloudy . Sight to morderate breeze from A. Ch. Barbouter riving .

William Q. J. M.

From 5 P. Mr. to Mid. Cloudy. Light to stiff breeze in squalle from N. H. by N. Reing baronette

In Kenned

Pogno H. Galt
Lieutencul & R. Nacigator

LOG of the UNITED STATES Thip Essex Third Rate, Moored to boal Dock, Chary Yard, Chew York.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Vorme of	Clear Oths.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Osere Colored
M.				\$6. hy 8.	N.NE.	2.3			30.28	38	37			b.c.q.	cum mind	6	
2				. 1		3-5			30,30					0. e. g.		0	
3					•	3-5			30.30	35	35					0	1
				4		4-6			30.30	35	35		-			0	1
5					•	4-6			30.30	35	3.5			0.09.0.		0	H
6						4-6			30.32	36	85	-		0.0.9		0	4
7						4-6			30.36	36	35						Ì
8				•	ME. by 6.	4-6			30.38	35	31					0	1
9					,/	4			30.40	34	32			0.c.m.		0	1
0						4			30.41	34	32				-	0	4
						4			30.40	33	32					0	
on.					"	4			30.40	33	32	1				0	1

	y D. R. observations of ②		. 0		"		
Position at Noon : Latitude by	observations of O				"		
Latitude by							
Longitude by	v chronometer from Fo			-	"		
		renoon Observations of O	•	,	"		
(Latitude by			·o	,	"		
Position at 8 A. M. Longitude by	y		0	,	"		
			0	,	"		
Position at 8 P. M. Latitude by	v		•	,	"		
Current during the time,		r hour, setting to the					
(Error of the Compass by Azimuth	h ⊙ observed at	, ship's head	0	,			
Deviation of the Compass by Azi		, ship's head				variation used,	0
(Error of the Compass by Azimuth	h ⊙ observed at	, ship's head	c	,			
Deviation of the Compass by Azi	muth O observed at	, ship's head	0	.,		variation used,	0
Water expended during the prece	eding 24 hours,		. 20	0	gallons.		
Water	during the preceding	24 hours,			"		
Water remaining on hand fit for	use at Noon,		4	00	" .		
Coal consumed during the preced	ing 24 hours,		/ tons,	660	lbs.		
Coal remaining on hand at Noon,			164 "	40	"		

P. M.								
1	96. by 8.	NE. by 6.	8-4	30.37 33	32	0.c.m.	cam . mint	0
2	,		3-4 .	30.36 33	1000	0.0.0.		0
3			3	36.34 33	31			0
4			3	30.34 32	30			0
5		1.NE.	3	30.33 30	30			0
6	"		3	30.35 30	30	-		0
7			3	30.33 30	30			0
8	,		3	30.34 28	28			0
9			3	30.37 27	27			٥
10			3.4	30.37 27				0
11			3-5	30.37 29		0.0.9.0		0
Mid.			3.5	30.37 27				0

Commences and until 4 a. On. blear and pleasant first how of watch, cloudy need of watch. Eight to moderate been with stiff to fresh equally from N N. 6 Bhometer steady. Emfund Of Budd, (Fa) in single wine to awail action of Commanding Officer, office, bearing ship without purnisum.

I Lieutewant Q. J. 9.

From 4 to 8 a. In Observation or was and cloudy, highly fluory of annor about 51 clock Onoderate to fresh buy in squally from No. 14 to No. 18 aventer rising. Received in Dept of Supplies and accounts, 40 lbs. of boxf, 40 lbs. of orgetables and 32 lbs. of brad. Charles Oblishes, Anter I class, returned

Wis Whitelory Leentenant On J. 9.

From 8 a. M. to Precide.

Oncoast cloudy and hazy Producte been fine N. E. by E. I teady baroneter.

Received in Equipment Depth 300 books for Brewn library. Received in Chatwetin Dept. 1 lt. bunk I tennis, 6 gallow Japanew dryer 25 lbs, consentiated by N. Homan, B.M. 2 blace was pland under change of marter at arms; Ifferen drunk from library.

L. M. Nac. L. M. Naumo Ensign 92 & S. D.

From Creid. to 4 G. m.

Own Cheid. to 40.5%.

Ourcast along misty fuch part of watch, enoung latter part Street to moderate breeze from A.E. Life. Balanter falling. By roler of Ermanulung Officer, enfined Ch. Bald, (Fea.) for five dray or breek and water and reduced to 4th class of learning align without principle.

It soman, (B. Ch. 2cl.) now released from charge of Phaster at anne, and when the 2th class for bring drunk Received in Dept. of Iteam Engineering 43 40 gallow fresh water.

In Thentenant Q. J. Dr.

Grow 4 to 8 P.M Orwast cloudy and array tentle breeze from N. NE. Barometer nearly steady.

In Nound

From 8 G. m. to anid Oricact cloudy, anning. Gentle to stiff been from N. N. E. Bacomete steady.

Deutenant & J. M.

Examined and found to be correct.

Rogers N.Gelt Lewingalon Savigation

Third Rate,

LOG of the UNITED STATES This Essea, Moved to boal Dock, Chang Yand, Chew York.

	1	Г	Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.			the.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
A. M.				9.6. by 9.	N.NE.	3			30.37	25	25			00.2.	cum.	0	
2						3-5			30.37	26	25			b.c.		2	
3						2		-	30.37					e.	nne	10	100
4						2			30. 37	10000				b.o.	cum	6	
5		-		. "	•	2-3			30.41	100					-	7	
6				"		2.3			30.43						"	7	
7				4	•	2-3			30.46							5	
8						2-4			30.47							6	
9						3-4			30.48	23	24			bog.	-	3	
10					North	3-5			30.49	24	26			b.c.m.g.	1	4	
11					A. NE.	3-4			30.49	26	26		1			5	
Noon.						3			30.50	28	27		1	b.c.m.	110000	6	
																1	

Course and distance made good since preceding noon by observations,	knot	s,	tenths.	
(Latitude by D. R.	0	,	"	
Longitude by D. R.			"	
Position at Noon : Latitude by observations of O	. 0		"	
Longitude by chronometer from Forenoon Observation	ns of ⊙ °		"	
( Latitude by	0		"	
Position at 8 A. M. Longitude by	•	,	"	
			"	
Position at 8 P. M. Longitude by	•		"	
Current during the time, knots tenths per hour, setting to the	he			
( Error of the Compass by Azimuth O observed at , ship's head	•	. ,		
Deviation of the Compass by Azimuth @ observed at , ship's head	1 0			variation used,
(Error of the Compass by Azimuth O observed at , ship's head	c	,		
Deviation of the Compass by Azimuth O observed at , ship's head	•			variation used,
Water expended during the preceding 24 hours,		400	gallons.	
Water received during the preceding 24 hours,	3:	25		
Water remaining on hand fit for use at Noon,	3:	225		
Coal consumed during the preceding 24 hours,	/ tons	,60	lbs.	
Coal-remaining on hand at Noon,	162 "	222	6 "	

P. M.		/	1-7				
1	98.69	1.48.	3 .	30.50 29 28	d.m.	none 10	
2			3	30 49 29 28		" 10	
3			3	30.48 29 28	"	, 10	
4			3	30.46 29 28		. 10	
5		A. N. 24.	3	30.48 32 32	· 6.	. 10	
6			3	30.48 31 31		. 10	
1		18.	2	30.48 32 30	-	. 10	
8			2	30.48 32 30	b.m.	. 10	
9			1	30.48 32 30		. 10	
10			1,	30.4832 30	1	. 10	
11		(	1	30.47 30 28		. 10	
Mid.			1	30.47 29 27		. 10	

Commences and until 4 a. : from N. N. E. Cold. Barmeter	Ow.				
A STATE OF THE PARTY OF THE PAR	Correact at fuit	clear last	half Le	all to stiff	breeze
: how N. NE Gold Barmeter	steady.	'	0	000	
			X	b. hube	1
			0 .0	Levitender	Q . S. M.
				Leutenpyer	a. g. w.

From 4 to 8 a. m. blondy and cold Light to moderate breezes in equally from A ME Rising baroneter. L'm' name Ensign Q. F.M.

Dem 8 a. A. to Oreind.

Chan and cold Sentle to stiff brege from A orth, to N. N. & Barmete riving . Received on brand in Equipment Dept. 2 hack source. assistant Paymaits On Mr. Rameay M. I. M. and Pay Clerk & Change been detacked and or breed home to settle account. Devenant & J. 9.

From Merid to 4 P.M Fair and cold. Sentle to stiff bruze from North and N. 16. Bavoneter runing alooky. Received in Construction 146 equal feet galaxyed sion cloth 12 brase borks and eyes 24 brase error eyes 8 1106 24 brase ecrew eyes 8 1106 12 brase key blanks mortice. Received from ON. I.R. I. Desimon into their bage, hammerly and received popular & A. bronce, See, & Tund. See, and R. Benkandt, Lide. Dransbund to the OL I.R. I Desimon, with his bag, hammer and received grapes Oli B. Bunkandt, Lide. Dransbund to the OL I.R. I Desimon with his bag, hammer and received grapes Oli B. Bunkandt, Lide. Dransbund to the OLI I.R. I Desimon with his bag, hammer and received grapes Oli B. Bunkandt, Lide. Dransbund to the OLI I.R. I Desimon to bouttuction or house for jacobs ladden.

Received in Gay Dept. 75 pane rulles boots. Sandy De Jan De J. Ch.

From 4 to 8 P.M. Clear and cold. Gentle to light breeze from 4.40% to NE Baronston strady.

Dem 8 P. M. to Mid. Clear and cold Light aire from No. 13 avente fell stately. S. Latenant M. J. R. Latenant M. J. R.

Examined and found to be correct.

Ryus H. Galt-Lintuant Di J. W. Savigaton

LOG of the United States Ship Essex Third Rate, Mored to Coal Dock Navy Yard New York

7			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear Other	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop of Clear Sky, in 10ths.	Oseton Coho Co
. M.				J. E. Ly J.	balm	0			30.46	29	26			b.m.	none	10	
2				. /		0			30.45							10	
3						0			30.44	28	26			b.c.m.	cir cum.	9	
4						0			30.41						"	9	H
5						0			30.40	10000				•		9	H
6					. Oi seu.	2			30.40					"		9	
8				"	i w. J. W.	1			30.41		29				1	9	1
9						,			30.44		1					8	
10						2			30.42	39	36				6.	8	
11		;			£01.	2			30.39	39	36			12.00		8	
oon.						2			30.39	42	39					8	li.
									1000		1						

Course and distance	e made good since preceding noon by	observations,	knots,	tenths.	
	(Latitude by D. R.		•	, "	
	Longitude by D. R.		•	. "	
Position at Noon:	Latitude by observations of O		•	, ,	
	Longitude by chronometer from Fo	orenoon Observations of O	•	, ,,	
	( Latitude by		•	, ,,	
Position at 8 A. M.	Longitude by		0	, ,	
	( Latitude by		0	, "	
Position at 8 P. M.	Longitude by		•	, ,,	
Current during the	time, knots tenths pe	r hour, setting to the			
(Error of the Compa	ass by Azimuth O observed at	, ship's head	•	,	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used, o
	ass by Azimuth O observed at	, ship's head	0	,	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,
Water expended du	aring the preceding 24 hours,		. 325	gallons.	
Water	during the preceding	24 hours,			
Water remaining o	n hand fit for use at Noon,		290	0 "	
Coal consumed dur	ing the preceding 24 hours,		/ tons, 6		
Coal remaining on	hand at Noon,		161 . 2.	160 "	

P. M.										12	
1	a land	\$6 by 9.	Touth	2-4	30.35- 43	42		b.c.m.	cam strat.	6	1
2			9.98	3-4	30.27 44	47	43			5	
3				3-5	30.25 44	47	43		4	5	
4				3-5	30.21 44	46	42		-	7	
5			9. ly 04.	3.4	30.18 43	44	41	"	-	7	1
6			Fouth	3.4	30.13 41	43	40			6	
7				3.5	30.10 41	41	39			4	
8				3.4	30.10 39	40	38			6	
9				3	30. 10 40	40	38			6	
10			F. F. 9.04.	3	30.08 40				cum sumit.	5	
11				3	30.07 41					2	
Mid.				3	30.04 41					4	
						1-3					

, U. S. Navy, , 18 96 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.M. Ob eather clear and cold balm. Barometer falling.

William Sentenant Qu & P.

Dem 4 to 8 a. M. Clear and cold. Calm and light airs to light breeze from Oh. F. Ch. Baconeter steady.

Thomas & 99

From 8 a. M. to Merid.

Clear and cool. Sight arise to light breys from Oh. I.M. and IM. Barometer riving at first them falling Delivered premanent apparatments are aportherary to Health Breeze and are another at arms of the blade to I homes of Childs. First on show to Fleren Enquering Dept of the Yard high and low pressure out off rather grave and converting Der machinite and out helper at work in Enquire Dept. at 9. made Jul. 5455 (permission to love pails) become assured and granted premiser. Lover also to dry.

Thom Merid to 4 P. M. Cheather fair and pleasant Light to stiff beeze from Forth to 9.46.
Baronter falling. At 10 clock made Int. 1826 and permission bring granted, fuled sail Received in Dept. of Supplies and Occounts one safe.

WB White rlary Sin Lewtewart & S. P.

Dem 4 to 8 P.M. . Pair to clear and cold. Gentle to stiff breeze from Fly I and Forth. Barreter falling. Fent librity party on about.

Listewant & J. J. W.

From 8 P. M. to Mid. Obrather fair, cluding up during watch Gentle breeze from 8.99 Barmeter lalling

Wis Whitelory Lewitewant & J. 9.

Examined and found to be correct.

Hogers N. Galf S. W. Narigaton

LOG of the UNITED STATES Thip Essex There Mound to boal Dock Placy Yard, Rew York and Making passage to Reword, R.D.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.		Forms of	of Clear in 10ths.	
	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of (	
M. 1				\$ E. by \$.	S. FO.	1-2			30.01	41	41	40		b.c.m	cum mint	4	
2				. /		1			29.96	41	41	40				1	1
3					,	1			29.94	42	42	41		0.c.m.		0	ı
			-			1			29.90							0	
						0-1			29.88					0.1.		0	1
						1			29.86	42	43	42			-	0	I
						1			29.84	42	43	42			-	0	-
1						1			29.82	44	44	43			-	0	1
						1			29.82						_	0	1
						1			29.80						-	0	-
				Underway		1			29.75					0.0.m.	cum.	,	ı
n.		Ita.	dura u	p East River		,			29.70					b.o.m.		2	

Course and distance	e made good since preceding noon by observations,	knots,		tenths.		
	(Latitude by D. R.	•	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon :	Latitude by observations of ②	0	,	"		
	Longitude by chronometer from Forenoon Observations of O	0	,	"		
	Latitude by	0		"		
Position at 8 A. M.	Longitude by	0	,	"		
	( Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	•		"		
Current during the	time, knots tenths per hour, setting to the					
(Error of the Compa	ss by Azimuth O observed at , ship's head	•	,			
Deviation of the Co	mpass by Azimuth O observed at , ship's head	٥	,		variation used,	0
(Error of the Compa	ss by Azimuth O observed at , ship's head	0				
Deviation of the Co	mpass by Azimuth O observed at , ship's head	0	,		variation used,	0
Water expended dur	ring the preceding 24 hours,	4 2	5	gallons.		
Water received	d during the preceding 24 hours,	52	,5	"		
Water remaining on	hand fit for use at Noon,	300	0	"		
Coal consumed duri	ng the preceding 24 hours,	5 tons, 4	100	lbs.		
Coal remaining on h	nand at Noon,	156 " 17	60	"		

										L. Bridge	
			Varine	9.98	2	29.63 50	51	49	b.c.m.	cir.cum	3
		42.7	E. U 8.		2	29.59 50	51	49			
8	1	50. 8	8.18.148.	\$ h &	2-3						5
			€. \$ 8.14 6.		3						1
7	3	66.0									2
10	6	68.2	Post.				1		0		3
mit	LTon	ne Buy		91.191.							
			9.901.						. , ,		0
			Qt. A Qt.								0.
											4
											5
-	8 7, at	8 1 7, 3 at au	8 / \$7. \$ 8 / \$7. \$ 8 / \$5. \$ 7, 3 65. 6 6 6.2 4 Auchon mither Buy	8 1 58 9 6 9 6. 14 6. 7, 3 67.2 3 6 6 2 4 6 6 2 2 4 6 6 24 Auchor in Fly 8. 8, 4 8. 8, 4 8. 8, 4 8.	# 427 & U.S. /4 & Fly & 8 / 50 / 6 . W & /4 & . Fly & 8 / 50 / 6 . Forth . Fly & . Forth . Fly &	#27 & US. 22 8 1 58 9 & N.E. 14 6. \$ \$ \$ \$ \$ 2.3 8 1 58 9 & F & 14 6. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	# 2.7 & N & 2 29.59 50  # 1 58 9 & F & 14 & Fly & 2.3 29.54 51  # 1 58 9 & F & 14 & Forth 3 29.49 41  7 3 6.7 & Forth 4.5 29.47 41  10 60.2 Forth 4.6 29.45 47  Whathor in Flow 4.6 29.47 44  Mithorn Pry 4.60. P. J. M. 48 29.47 44  M. F. M. M. M. M. L. L. L. 29.45 47  M. F. M. M. M. M. S. 8 29.50 40  M. J. M. M. S. 8 29.50 40  M. M. M. M. S. 8 29.50 40  M. M. M. M. S. 8 29.50 40	#2.7 & N & S & 2 29.59 50 51 8 1 51 \$ & N & 14 & S & S & 2 3 29.54 51 51 51 8 1 58 9 & S & S & S & S & S & S & S & S & S &	#27 & U.S. #29 & S. \$1 49 & 23 29.59 50 51 49 46 45 \$1 55. #6. M. &	#27 & U.S. # & U.S. # & 2 29.59 50 51 49  # 1 58.9 & F. 1/4 & Fraction 3 29.49 46 49.46  # 5 58.9 & F. 1/4 & Fraction 3 29.49 46 49.46  # 1 61.2 Fraction 4.6 29.47 46 47.46  What have in Flow 9. 1/4.6 29.47 47.48 47.40  # 1.6 1.7	42.7 E. W. E. 2 29.59 50 51 49 ""  8 1 58.9 E. H.E. Folth 3 29.49 46 49.46  7.3 66.0 F. Folth 3 29.49 46 49.46  7.3 66.0 F. Folth 4.5 29.47 46 47 46  24.50 Folth 4.6 29.45 47 48 47 46  24.45 29.45 47 48 47 46  24.46 29.41 47 48 47  24.46 29.41 47 48 47  24.47 44 46 44  25.47 48 48 48 29.47 44 46 44  26.48 5.8 29.47 44 44 44 43  26.48 5.8 29.50 40 42 39 0.09 m.  NARLOW 6.9 29.52 37 39 35 8 0.9 m.

, 1896 .

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and until 4 a. M. Cloudy to orneast. Foggy. Light aire from J. J. M. Falling Line name

From 4 to 8 a.M.

Ovicast and fozzy book balus to light air from \$.90. Baroneter falling (Mr. Yrinni (balon book) returned from What I bour writing and & J. Philler (Brackinish) o hours. Italied free in briles B. and S. at 15.30. Received 525 gallow free water.

Luithaut Qu & Q.

From 8 a. M. to Merid.

Cheather fragy, lighting up toward models of watch. Light are from I Fall.

Baronter felling Pilot D. Lochwood came on brief mode Lignal Int. 4890, and permission bring granted got underway and stord stord store East Rein. The Commanding Officer Pransporter and Pilot on the bridge. They under those and almost of Blackwille Island at end of bottle Fram presence 55 lbs, no revolution 43. They winder the land of the land of the land presence 55 lbs, no revolution 43. They will be a land of the la draft 14 feet 2 inches forward, 16 feet, 6 inches aft.

WBWhitelery Leitewart Of J. M.

From Grend, to 4 4.9%.

-Cloudy and hazy Light to gettle brey from 9.36. to Inthe Barometer falling. napidly. Under steam alone standing daw East Rive inthe Pilot and Commanding Officer on budge. At 2 o'clock when abrast Execution Rock pilot left the ship when put over fittle petent logur statement 42.7, port 17.8 and anade comes 6.46. At 2.35 changed comes to 6.46. 46. and at 3.37 to 6.96. 146. At end of watch or comes and alread of Estine Point. Amongs etiam pressure 55 the resolutions 43.

I. m. name Grign U. J.M.

From 4 to 8 9.0m.

Obrathe cloudy, with rain aqualle last how of watch Pardenate hely increasing to moderate gale in aqualle from 9.9.94, harling to 8.404. Becomete falling till last how, when it started to rice At 5. changed course to 96. Sand raw for an overlovage in Friedelson Bay. At 5.40 caine to archer in 7 fathouse water orruing to 45 fothous on starboard chain. Braining from anchorage. Estace Trint Light Ob At A. Change South Fried Fried St. & Chinny at It of the Lank FO. These head F. ly 91.

WBWhitelery Lieutenant Ol. J. M.

Grow & G. M. to Mid.

Overcast frist: clearing afterwards Fight been at beginning of watch, unevaring in force to strong gales in equalle and orining from OA FOR. to NOA by A Barracter neing at 11 5 aprend free and called all hands up auchor tam up auchor and at 11.05 get underway. At end of watch ingaged in catting auchor. L. M. Hame Ensegn Q. F. M.

Examined and found to be correct.

Hazers A.Galt Leitenaut & J. M. Navigason

Third Rate,

variation used.

LOG of the UNITED STATES Thip Essex.
Making panage from thew York to Chewport R. I and.

_	V	<u> </u>	V	0 0			-		-		-		-			4	-	18
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	of Clear in 10ths.	e.Sea.	1
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C	StateoftheSe	
A. M.			68.2	NE.	J. Q.	8-9			29.52	31	33	31		b.o.gr.	cum.	9	m	
2	7	9	76.1	E. 3/4 N.		8-9			29.53						steat.	8		1
3	9	0	85.1			8-9			29.54	30	32	30			cum recial	3		1
	9		94.1	€. № 6.3/4 6.		89			29.54	30	32	30				3	-	1
	10		4.8	NE.ly 6.3/4 6.		7-8			29.57						-	4		1
6	8	3	13.1	8. NE 3/46.	,,	6-8			29.59						-	4		1
7	9	5	22.6	6.149		6-8			29.65					b. c. q. s.		5		1
8	8	7	31.3	6.121.		5.8			29.67					.,	-	5	1	1
9	5	10 Type	41.0	& 3/4 .4.		6-8			29.67					b.c.q.		6		1
10	:	7	43.5	4. 4. 1. 1. E.		6-8			29.68					,		6	1.	1
11	2	50	59.8	4. 48/26.		6.9			29.68				13/2			6		1
Noon.	ωTa	mek	rnia	19.69.		6-9			29.70		1			b.g. m.	none	10	10	-
			Wside			1						,	H			1230	1	
			Bay			the committee of							-					-

Course and distance made good since preceding noon by observations, (Latitude by D. R. Longitude by D. R. Position at Noon : Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by Longitude by Position at 8 P. M. Latitude by Longitude by Current during the time, knots tenths per hour, setting to the ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Érror of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head Water expended during the preceding 24 hours, 400 gallons. during the preceding 24 hours, 2600 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 9 tons, 40 lbs. 147 " 1720 " Coal remaining on hand at Noon,

						STATE OF THE PARTY		100
Р. М.	4							
1	,	N 84. Ly 84.	194.	7-9	29.75-34 34 3	29 6.9.	none 10	5
2		QL. N. G.		7-9	29.78 34 34		. //	0
3				6-9	29.80 37 33 1	18 .	- 11	0
4		Chest.		6-9	29.82 36 33 2	28	- 1	0
5	4			6.9	29.84 34 33	29 .	. 1	0
6	"	Q1.NOV.	OH. N. OH.	6-9	29.85 30 32	28	. 10	,
1		J. Ol. 1/2 N.	"	4-5	29.88 29 32	18	. 10	,
8				4-5	29.93 29 31 2		. 10	
9	"		Jest.	4-6	29.97 28 30 3		. 10	,
10	"	A. N. 94.	,	4-7	29.9927 30 2		. 10	
11				4-6	30.02 27 29 2		. 10	,
Mid.		N.21.		4-6	30.03 27 29		. ,	0

Commences and until 4 a.M. Clear and cold Producte gale inthe heavy squalls from N. El. Bacometer neining their steady. Standing only of Inithetrum Bay, Communicating Officer comming the ship at 1.13 by order of Communicating Officer are come 5.94 b (p. 5) Strater Security Ship about put or posture leg reading 68.4 al 3.85 changed come to 8.N. 3.46, patent leg 858 changetor taking cover brainings of different lights made during watch areasy attam 55 lb. arrage revolutions 45.

Treutenant Q. J. M.

Cheather fain. Itiff been to moderate gale in equally from & Ch. Light flum of ever alm & 6.0. The Brannette neing at 40 clock changed concer to 45. by 5. 74 8. At 50 clock eighted bull schaud hight and changed concer to 5. 8. 74 8. At 50 clock eighted base Rock rand changed concer to 5. At 5. to E. 14 F. at 6.50 Race Rock was ahave and at 70 clock changed come to E. 1/2 St. Passed two schomes standing ont, and a tow standing in . This under steam alone . I team present so be. No revolutions 46 .

> WBWhurlsry Lentenant Q. J. Dr.

Oum 8 a. m. to Greid.

A beginning of wetch on come & last standing up for Pont Judith, & momentur vieing clowly. At beginning of wetch on come & last standing up for Pont Judith, & momending Officer coming ship that held bury off Point Judith abram changed course to N.E. and about in for Receipert harbor. Each august summer with brutellation and made signal Int. 1211" & metallation arcended fire Itord in towards Jamestrum and at 11.50 came to auchon in 12 factories, string bottom and course to 75 fathous noticel and executed Brancips from auchorage (magnitus) Row Seland Sight & by E. 2 aylor Point S. 184. 144. Obest Baugo Hake A. H. & Aludes straw alms. J. M. Hanne

Eneign Ol J. R.

From Oreico. to 4 P.M. .

Bleav and cold Freel bery with heavy equally from 40h Barmeter neing. Reduct to write fiel part of watch, between winds and flood when latter part.

Whordan

Distruart a J. M.

From 4 to 8 P.M. blow and cold Freel breeze to strong gate in squaller from A & to & A & . Producting latter space Barometer vising.

L. M. 2 a. Li Me Hama

Orom 8 P. M. to Mid. Clear and cold. Ovoderate breeze with freek agualle from A. B. Braumeter nieng. Riding between wind and lot curved. 

Examined and found to be correct.

Roger A. Galt Signature Series

Third Rate,

LOG of the UNITED STATES Thip Essea, Moved to Boury in the Halor of Rewport R.D.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Hear Hebs.	e Sea
Hour.	Knota.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				Qt. \$Q.	Ch. N. Ch.	46			30.05	27	29	27		b.q.	none	10	
2				,		4-6			30.05					,		10	
3					Otest.	4-6			30.05							10	
4	1		No.	Chest		4-6			30.05	27	27	27		b.c.gr.	cum strat	9	
5				91. Fa.	Ot. NOV.	3-6			30.06	28	27	27				9	
6				Q. St. Qt.	1	3-5			30.09							*8	
7				N. ch Qt.		3-6			30.13	30	30	29		4		7	-
8				of 94.		3-6			30.15	32	32	31				7	
9						3.6			30.16	37	35	37				5	
10	m	ond	t	<u> </u>	_	3-6			30.16							6	
11	Ron	there	Mornings	J. N &.	-	3-5			30.18	39	38	37				8	
			ng Station	ルをねか		3-5			30.18		1	: .				6	

Course and distance	e made good since preceding noon by observations,	knots,		tenths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of O		,	"		
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"		
	( Latitude by		,	"		
Position at 8 A. M.	Longitude by	•	,	"		
	( Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	•	,	"		
Current during the						
Error of the Compa	ass by Azimuth O observed at , ship's head	. 0	,			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	•			variation used,	0
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	c	,			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head		,		variation used,	0
Water expended du	ring the preceding 24 hours,	40	0	gallons.		
Water	during the preceding 24 hours,					
Water remaining o	n hand fit for use at Noon,	22	00			
Coal consumed dur	ing the preceding 24 hours,	Z tons,	52	lbs.		
Coal remaining on	hand at Noon,	145	200	"		

P. M.										100
1	Touth	1.19.	3.4	30.18	46	47	42	b.c.q.	eir.cum	8
2	Of ly N.		3-5	30.18				. '		7
3	N 91. by 94.	194.	3-5	30.18						7
4	91.491.	1.19	3	30.16	49	45	40	b.c.		6
5	£.90L	O4.9 Q1.	3-5	30.16	44	44	40	b.c.q.		7
6			3	30.16				b.c.		8
7	OH. 9 94.	CH .N 94.	3	30.16						8
8	21.19.	4.	2-3	30.16			1	b.	none	10
9	N. by 94.	balm	0	30.18						
10	N. N. E.		0	30.19				b.w.		
11	1.19.	91. by 9.	2	30.20				"		
Mid.	9.86.	Or est.	1	30.22						10

Commences and until # a. m. blear and cold Squally Gerderate to feel been from the st Ct. and Chest. Bruby, Lightenant 91. 8.91.

Grow 4 to 8 a. m. bleav and cold . Sentle to fresh beeger in squalle Baumeter news think where

to West

From 8 a. On. to Oriend.

I. M. Ramed Eusign & J. M.

Baronete vieing, then steady at 900 made signal Inthe Bosey with stiff to freeh equally from 9.18. Baronete vieing, then steady at 900 made signal Inthe BO: Training Flatim. At 10.00 made signal 55 73; aneurusid yer. Picked up permained movings and made fact. At 9.45 fined a salute of 11 gene in horr of Commandant of Navel Station. Someticiation account with y gene. Commanding Officer paid an official wash to the Commandant By order of Commanding Officer pleased from confinement, and restored to duty 91 Bodd (Ba), esquation of entitue. Direct formand 14'00' aft 16'07's. Bit free die out under brites 6" and 6. List of esteen launch.

Deviterant U. J. R.

From Merid to 4 P. M. bleav and cool. Gentle to stiff been from N. N. N. and N. N. J. E. Prenew Ch. L. R. let the ship on 3 days lear, also I. Niek (R. as a scleen) 2 days lear, S. L. Eleworth Cores 3 days lear, blas. I chinite. (Both 2 cl.) 2 days kan and E. Furney (P. S. II) 2 days lear. Received from Oh. I. R. I. Contollation, E. L. Heunt (app. 1cl.) with his bag, hammer and necessary pages.

Geom 4 to 8 P. On. Bleav and pleasant. Gentle to light breeze from 91.991, and 91. N. M. Barometer steady. Riding to flood current and would. Lieutenaut 91. 9. 9.

Drum & P. M. to Quid balow to light breeze from Oh. by I and Week. blege and cool. Bury, Distribut Q & A. A.

Examined and found to be correct.

Rosers Affalt Later & Fle Horizon

LOG of the UNITED STATES Thip Essex. Phird Rate, OMored to Quey in the Harbor of Chewyord R.D.

			Reading		WIND.				BAROME	TER.	TEM	PERA	TURE.	State of	Forms of	Clear 10ths.	e Sea
Hour.	ri gi Patent Log.	of Patent	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulls.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	StateoftheSe	
. M.				0-										0			
1				96	balm.	0			30.20	36	36	35		t.c.	Cir. cum.	7	33
2				96 ly 9		0			30.19	34	36	35				6	
3				Friell	Variable	0-1			30.16	35	36	35		0.c.m.	cunnint	0	-
4						0-1			30.16							0	
5				9.98		0-1			30.17							0	
6				,	6.86	1			30.16					0.0.10.		0	
7						0-1			30.15					0.c.		0	
8				\$6.	86.	2-3			30.15						10000	0	
9				.31		3-5			30.12	39	39	37		0.c.g.		0	16
0				E. h. s.		4-5			30.10					o.c.q. n.m		0	
1				E. h. s.	6.98.	4-6			30.06							0	
on.						4-6			30.04							0	-
										1	,	1.					10

Course and distance	e made good since preceding noon by	bservations,	knots,		tenths.	
	(Latitude by D. R.			,	"	
	Longitude by D. R.			,	"	
Position at Noon:	Latitude by observations of ②			,	. ,,	
	Longitude by chronometer from Fore	noon Observations of O	•	,	"	
	( Latitude by		0	,	"	
Position at 8 A. M.	Longitude by			,	"	
	( Latitude by			,	"	
Position at 8 P. M.	Longitude by		•	,	"	
Current during the	time, knots tenths per	nour, setting to the				
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	•			variation used,
(Error of the Compa	ss by Azimuth © observed at	, ship's head	c			
Deviation of the Co	ompass by Azimuth © observed at	, ship's head	, 0	,		variation used,
Water expended du	ring the preceding 24 hours,		30	0	gallons.	
Water	during the preceding 2	4 hours,				
Water remaining or	hand fit for use at Noon,		19	00		
Coal consumed duri	ing the preceding 24 hours,		/ tons,		o lbs.	
Coal remaining on l	hand at Noon,		143 . 3	80		

P. M.								
1	8.38.	6.46.	4.5	30.04 3	19 39	0.c.n.m.	mint.	0
2			4-7	29.99 3	39 39			0
3	J. F.	9.16.	4.7	29.89 4	13 43			0
4	Pouth	9.391.	4.7	28.87				0
5			0-1	29.90				0
6	News Nely E.	North	1-5	29.90		0.c.on.p.q.f.		0
7	N ly E.		1-4	29.89		. "		0
8	The state of the s		1-4	29.89		0.c.m.p.g.		0
9	North	1.116.	3-4	29.87		0.c.m.		0
10			3	29.87	39 40	to the state of		9
11			3-4	29.88	38 39			0
Mid.	N. ly E.	North	4	29.89	38 37			0

Commences and until 4 a. On. Orather fair, clouding up during last half of watch. Calm to light variable airs Baroneter falling. Alord tide

WBWhitelery Lewteward a. J. M.

From 4 to 8 a. Mr. From 4 to 8 to the.

Ourceast cloudy, Passing shown full part of watch Light aire to gentle breeze from 5.95. to 96. Barontte falling them steady. Redeing to would Received on borner in Dight Tapplew and accounte 42/2 lbs. each fresh blof and engetable and 34 lbs fresh bread.

From 8 a. M. to meriod Queast and equally, with rain and mist last three house. Gentle to fresh brew from 36 and 6. 86. 13 dismate falling at 9.40 mustud at quarters, Commanding Officer inequalid ship and crew.

From Meiod to 4 P.M. Cheather oriends and cloudy into heavy name Inoderate breeze to gale in equalle from E.S.E., handing to F.S. Oh. Balomoter falling. Riding to wind.

Lintenant a J. M.

From 4 to 8 9.0%.

Ourcast and equally, with rain; fragy at times. balow to stiff breeze from 3.8 04. at first, shifting to Ad. "almt 5.30; Footh lest of watch.

Shifting to Ad. "almt 5.30; Footh lest of watch."

Shifting O. S. a.

Drown 8 P. M. to Quid. Orather writer, closely and micty. Gentle to moderate beeze from N. N. E. to North. Barometer steady. Est tide.

Lieutenant OL J. Oh.

Examined and found to be correct.

under the command of

Rogers H. Galt Dr. J. Ol. Novigator

LOG of the UNITED STATES Thip Essex. Third Rate, Moved to Bury in the Harbor of Newport R. J.

T			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Balb.	Water at	the Weather, by symbols.	Clouds, by symbols.	Prop of C	StateoftheSe
. M.				N. by E.	N & ly N.	2-3			29.89	38	38			0.c.m.	Cum ouint.	0	
2				E. ly N.		2-3			29.88	38	38	-				0	
3				N 6. 8 6.		2-3			29.86	38	38				"	0	
4				NE by N.	N. by &.	2-3			29.85					"		0	
5				1.16	NE.	3-5			29.83					0.c.9. n.m		0	
6				98. h. 9	Variable	0-3			29.84	38	38				"	0	
7				9. 6.	N &.	2-3			29.82					0.0.N.m	1	0	100
8				N.N.E.	North	2-3			29.81	38	38					0	
9				Sorth	•	2			29.80	40	40			o.c. on d		0	
0						2			29.80	40	40			0.c.m.p.	12.	0	10
1				1. by 6.		3			29.80	40	40					0	1
on.				NE. by N.		4		-	29.80	40	40	1		0.c.m.d.		0	16

Course and distance made good	since preceding noon by	observations,	knots,	tenths.	
(Latitude b	y D. R.		.0	, "	
Longitude	by D. R.		•	, ,	
Position at Noon : Latitude b	y observations of O		•	, ,	
	by chronometer from For	renoon Observations of O		, "	
( Latitude by	v		•	, "	
Position at 8 A. M. Longitude			0	, ,,	
( Latitude b			0	, ,	
Position at 8 P. M. Longitude			0	, ,,	
Current during the time,		hour, setting to the			
SError of the Compass by Azimu	ith O observed at	, ship's head	0	'	
Deviation of the Compass by A	zimuth O observed at	, ship's head		,	variation used, o
(Error of the Compass by Azimu	ith ⊙ observed at	, ship's head	0	,	
Deviation of the Compass by A	zimuth @ observed at	, ship's head	0	,	variation used,
Water expended during the pre	ceding 24 hours,		. 30	0 gallons	
Water	during the preceding	24 hours.			
Water remaining on hand fit for	r use at Noon.		16	000 4	
Coal consumed during the prece			tons.	lbs.	
Coal remaining on hand at Noo					
on name at 1100					

P. M.									-	
1	J. N. E.	North	4	29.79	40 40	40	0.c. m.	cum aunit		
2			4	29.78					0	
3		4.16.	4	29.77					0	
4	North	North	3	29.78					0	181
5	July OH		3	29.80					0	
6	J. W. 6.		3	29.82					0	
7	North		3	29.85					0	
8	N. 10	¥	. 2	29.89					0	
9	North	N. N. E.	2	29.93 4					0	
10	1. 6, 0	J. N. M.	2	29.93			- states	1	0	
11	si'ly		1.	29.93 4					0	
Mid,	Je. ly	, 6.	0	29.94	42 42		0.0.	-	0	
						1			-	-

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewced and until 4 a m. Overach, cloudy, mity and damp light Noby, and Northerly begger. Elt tide.

RX Tistale

From 4 to 8 a. On.

Overcast and mity, with almost cutinums rain balon to stiff breye
from Ad. and Ed. 6 arried and morning orders. Received on board in Pay Dept for issue
to cour, 421/2 lbs. full bref, 421/2 lbs. full regetative and 34 lbs. fresh bread.

From 8 a. On. to Merid.

Chather viscael and cloudy, inch passing rain shower . Light to mederate beeze from Cloth. Received in Equipment Dept. 3500 gallow of water for Engineer Dept. Est tide.

Wis whitelery Lieutenant & & & &

From Meind. to 4 9.9n.
Onceast and cloudy Misty and cool. Gentle to moderate Northerly breyer.
Received in Ordinance Dept. 24 face figs whether and one complete art of cause gion corne: in Gay Dept. Frating.

A.S. Tindele
Energy & F.M.

Prom 4 to 8 9 m. Cheather visical cloudy and mixty. Gentle to light breey from North. Baronete viewig. Ett tide.

Wis Whitelery Lieutenant On & Or

From & P. On to Mid. Dornach cloudy miety and foggy at end of watch . Fight heezer and air from & A. M. R. Finale . Ensein & F. N. .

Examined and found to be correct.

Rogers St. Galt. Sectional & Col. Narigation

LOG of the UNITED STATES Thip Essex. Phird Rate, Moved to Bury in the Harbor of Newport, R.J.

			Reading		WIND.				BAROME				TURE.	State of	Forms of	Hear Othe.	o.Sea.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clea Sky, in 10ths	Stateofthe
A. M.				N.NOV.	Or A.W.	,			29.95	40	40			b.o.f	cum	5	
2				3.4.6.		1			29.95					. 6.		8	
3				Jet.	1.94.	4		-	29.96					b.	none	10	
						5			29.97							10	
5					1	4			29.99				223			10	
6			30	Q. N. 94.		3			30.02	41	42			b.c.	strat.	9	
7				NO4.	Je Ch. by N.	3			30.04	42	43			. 6		9	
8				N.NOV.	J. J. Dr.	2-3			30.04	42	43				-	9	
9				J. by Ok.	J. by 91.	3			30.05	48	46					9	
10				1.494.	A. La.	4			30.07	49	48		188			9	
11				ACH. by A.	NOV. by A.	4.5			30.05	54	50	128	1	b.c.g.		9	
oon.				Nou.	sel.	4-5			30.05	59	50	1			1	9	

Course and distance made good since preceding noon by observations,	knots,	tenths.
(Latitude by D. R.		"
Longitude by D. R.	0 ,	"
Position at Noon: Latitude by observations of ©	0 '	"
Longitude by chronometer from Forenoon Observations of O	0 ,	"
Position at 8 A. M.	0 ,	"
Position at 8 A. M. (Longitude by	0 1	"
Position at 8 P. M.	0 ,	"
Position at 8 P. M. (Longitude by	0 ,1	"
Current during the time, knots tenths per hour, setting to the		
← Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the Compass by Azimuth @ observed at , ship's head		variation used, o /
∫ Error of the Compass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the Compass by Azimuth O observed at , ship's head	,	variation used, 9 /
Water expended during the preceding 24 hours,	300	gallons.
Water distilled during the preceding 24 hours,	1000	
Water remaining on hand fit for use at Noon,	2300	-
Coal consumed during the preceding 24 hours,	/ tons, 2/60	lbs.
Coal remaining on hand at Noon,	139 " 1440	4

								ш
P. M.							-	-
1	19.	NOV.	5	30.05 57 55	b.o.g.	Dir. cum	7	1
2	NOL by A.		5	30.05 59 56			8 3	1
3	ex. Not.		6-7	30.05 59 57			6	H
4	A 91. ly 94.		6-7	30.05 59 57			5	H
5	. /		5-6	30.08 63 57			7	1
6			4-5	30.08 56 56			6	H
7	04.1.04.		8.4	30.06 54 54	b.c.	1	5	H
8	f. ly W.	9.1.01.	3-2	30.08 51 51			7	
9	f&1.		1-0	30.12 49 50			8	H
10	101.		1	30.13 47 48	f.	une	10	P
11	1.19.	balm	0	30. 14 45 47			10	
Mid.	N.46.	N.46.	2	30.16 44 46			10	-
		The second second second			-			1

Commenced and until 4 Q.M. Overeast with dense for first part, clear last part. Light are from Ch. Flb., shifting to N.M. and muraling in force to stiff heeze. Baroneter name along

List of 100 ap 3th aloss received on Mile 31-96 with Bago, Hammelo and all necessary hand for papers.

Jenson, a. m anduson, F. C. Dinglay, N. H. Rick, g. W. H. annahong, J. J. Wall, of o Helly, 4.4. abrahamson, A. & Osquibal, M. a Brewer, James Wellenberg, Fred Hundy, H. l. Webshin, g. g. Kinlow, J. J. Bell, m.a. Burns, Joseph Florar, le & Lawrence, Harry Buchanan, James Foular, le. a. Lord, g. E. Braman, F. R. gallaghar, J. a Me Laughlin, John 13 Mb. F.a. good, Fred me Brid. James millord, Walhi Bayal, J. B. gentach, an. B Barday. S.g. Goodwin, J. L Machaill, J. D. Baxter. 8.8. Hannon, Groupe Mary. H. Kl. Bright. Wille 1dolden, 14.112 Minor, J. W. Barney , 3. 6. 14 and ch, John miller, g. s. magh, D.P. Back, Harry Idoffer, Idama dwan, id any Brady, Victor 1danmond, J. A. growns of of Idagwin, Fred Q'ballaghau, Etaph Boutcher, 9120 14. X chings, Q. V. M. a. Mummel, organ Doan, andro 1dibbarch, 14. W Praison, J. W. Willy, D.V. Hughan, 4.9 Parker, S.W.

dosinger, toduoid

Hading William

12 yok. 12.14.

Idawitt, I'g.

Johnston, 14. ll

Jacoby. W. C

1dall, A. W.

Baro. 60.14.

Ross, R. R.

Bathern, a.g.

Quick, Joseph

Reynolds, U. H.

Lauray, James

Rambo, E.B.

Roberto, W. L. 3 Rudd, L.B. Riggin, alexander Rully, m. & Stown, Harry Sullivan, H.a. Stuart, Jalo H. Strittinger, a. E. Story, Roland Spilm, 62.9.4 zudger drade Schmitt, Inderick Sarba, todurand Screen, James Shim, A. H. Thousday, 1.9 Sandether, Robert Saling, W.a. Jucken, E.S. Van Winkle, Hany Wilson, alfred Wandless, J. F. white, c.g. Whalm, g. De 4. Wild, Andinand Wholey, boundies

Wright, W. E.

L. m. nound Greign Ch. F. Ch.

W. to N. N. M. Baroneter rung . when and so We first break. W. History

's. Received in Supplies and

Rodindale & Eaugn 9.59.

191. I teady barometer.

L.m. nome

Received from the R. I Raval wary transfer papers: names RS Sincale Ensign Q. S. M.

sing barmeter. Bright monlight

L. M. Names Eneign W. J. a.

Hay Freitenan & & W. Navigaton

bushing to be

le-drick. the le

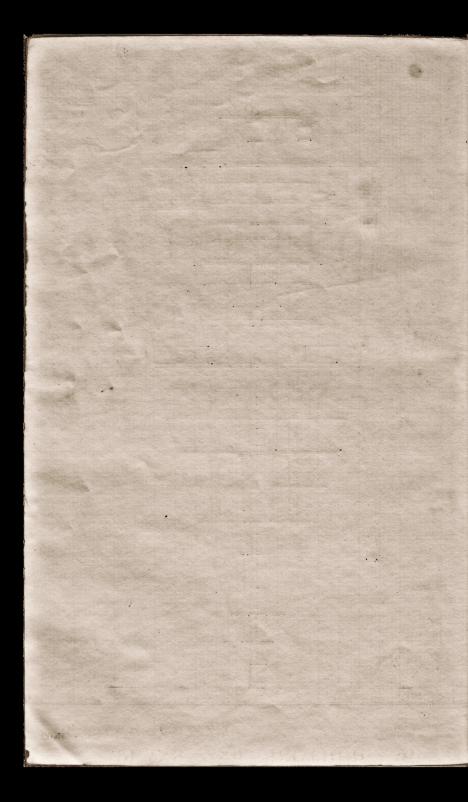
Collins, g. 14.

Clark, to a

Myser, le F.

Danoll, Ga.a

David, Butan



Commenced and with 4 Q.M. Dureast with dense for first part, clear last part. Light aire from Ch. 90h, shifting to N.M. and werearing in free to stiff heeze. Baroneter name always.

L'mo name Ensign Ch. F. Ch.

From 4 to 8 a. In.

Describe in Pay Dept for issue to cur, 42/2 lb. Jul buf and regetable and 34 lb. fred bread.

With the state of the second of Secretary and Second of Secretary Sixteen Carlo.

Brown 8 a. Mr. to Maid.

Chodesate to fresh A Orly. breeze in equalle. Received in Supplier and

accounts \$ 3000 for public nee.

Posindale & Enuga 9.59.

From Oriend to 4 9.90

blear and pleasant . I tiff to fresh breeze from A. A. I teady barrenter .

L.m. named Enign Qu & ON

From 4 to 8 G. M. Dair: Greek to light breyer from A. H. to Oh A. Oh. Received from the R. I Gaval Drawing Statum, 108 appointees with their bags, hammarks and necessary transfer papers; names as per apparented lick

RA Visign & 99.

From 8 P. M. to Mid bleav and cool Light air fun Ch. A. Ch. to calm. Rising barnets. Bright mornlight

L. M. Names Eneign W. J. a.

Approved
E.T. D. teamer

Lorumandus M. S. M.

Lorumandus ...

Examined and found to be correct.

Hay Nyalf. Sentenan & J. W. Navigator.

LOG of the UNITED STATES Thip Essex, At anchor in the Harbor of Chewport, R.S.

Third	Rate,
-------	-------

	-	1	Reading		WIND.				BAROME	ETER.	TEM	PERA'	TURE.			Clear 10ths.	. Sea.
Hour.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Balls.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C	StateoftheSe
A, M.																	
1				J6.	J. J. E.	0-1			30.16	41	44			f.	none	10	
2				N.N.6.		0-1			30.3/	40	42					10	
3				NE.		2-4			30.31	39	41		34			10	
4				6.16.	North	3-2			30.32	38	41					10	
5				6. h. f.		2			30.33	38	40			b.e.	cir.	9	
6						2			28.94	43	40			le	nine	8	
7				f. by Or.		2			28.94							8	
8				Forth	1.19.	2			30.43					b.o.		9	
9				19.64.	Alu &	2			30.43					bo.m.	cir eum.	8	
10				N. A.E.	N. N. E.	2			7			41		.,		9	
11				North		2			29.18 ansimal 30.35	54	46	41				8	
Noon.				N.N.E.		1			30.35			2			-	7	

	, , , , , , , , , , , , , , , , , , , ,					
Course and distance	e made good since preceding noon by observations,	knots,	tenths.			
	Latitude by D. R.	0	' "			
Position at Noon :	Longitude by D. R.	0	, "			
Position at Noon.	Latitude by observations of O	0	, "			
	Longitude by chronometer from Forenoon Observations of O	•	, "			
	( Latitude by	0	, "			
Position at 8 A. M.	Longitude by	0	, ,			
	( Latitude by	0	, "			
Position at 8 P. M.	Longitude by	0	, "			
Current during the	time, knots tenths per hour, setting to the					
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	•				
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0		variation used,	0	,
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0				
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	, 0.	,	variation used,	0	,
Water expended du	ring the preceding 24 hours,	40	o gallons.			
Water distill	during the preceding 24 hours,	701	0 "			
Water remaining or	n hand fit for use at Noon,	260	0 "			
Coal consumed dur	ing the preceding 24 hours,	/ tons, /	760 lbs.			
Coal remaining on	hand at Noon,	2 60 c tons, / /37 " /	920 "			

P. M.									REZERS.		
1	NE. ly A.	Jb 194.	2	30.34	55-	51	46	b.c.m.	eum.	6	
2	Inth	9.994.	4	30.31	63	50	45		1	4	
3	98/28.	Porth	4	30.3/	22-	48	43	"		6	
4	96. h 9	9.86.	4	30.32	49	46	42			8	
5	9.98.		3	30.33	48	45	42		cum strat	5	
6	Inth		3	30.32	45	42	40			3	
7	98.	₹6. ly E.	3	30.33	44	43	39			3	
8	9.18.	9.98.	3	30.34	43	42	39			3	-
9	98. ly 9.	<b>9</b> E.	3-4	30.33	45	41	38	0.c.m.	cum anist.	0	
10	4E.		3-4	30.30	45	41	38		-	0	
11	€ \$€.		2	30.29				0.c. m.d.		0	
Mid.	NE. ly N.	8.36	3.5	30.27				0.0.m.n.g.		0	
	1			1							

Commences and until + Q.ON.

Clear and pleasant Bright mornlight. Calm and light, air to gentle breeze from N.N.E. to North Barometer neing.

J. N. Jordan. De J. M. J. M.

From 4 to 8 a. M. .

Sight beeze from North to S. N. C. Received in Pay Dept for sine to crew following fresh perhance, 114 /2 bref, go bread 112 /2 negatible. At 4, 45 housted Sut 5455 Constitution accounted got. From sail to brustness to day. Prescribed baronter \* 3298 registred imperpuly after 51 clock, for some unknown reason.

assintale Ensign Ch. J. M.

From 8 a. M. to Chenid.

Clear and pleasant bayy. Light brees to light aris from N. 6. to N. N. 6.

Tubstituted readings of aurinal Baronita for Chercural Baronites on account of irregularities of the latter at 11.0 clock. At 9.45 made eignal but. Exercise at making and taking in sail. "Constellation" aucurnal Yes. Exercused at making and taking in sail; reefing and fuling.

Eusign U. J. 94.

Firm Prend to 499. Bleav and pleasant Light have avound horizon Light breeze from Not abilting to 9.86, and increasing to a moderate breeze Barmeter falling, then new g General out oil arms to appendices.

Leentenant R. & B.

From 4 to 8 4.9%

bloody and pleasant. Gentle begge from 9.76. and 96. by 6. I teady barometer.

Eusign W. F. N.

Drom 8 P. M. to Mid. Orward and closely first part of watch raining latter part Light to gentle large with moderate to stiff agralle from 96, to 56. Baroneter falling.

Leutenant U. D.

Examined and found to be correct.

Rogers H.Galt. Seeitenant 9. 490. Startgator

LOG of the UNITED STATES Thip Essex. Third Bate, Moved to Bury in the Harbor of Chempert, R.S.

2-3 2-3 2-3 2-3 2-4 2-4	Heel.	Leoway.	30.23 30.18 30.16 30.15 30.12	44 44 44	41 40 40	40 40 39	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by aymbols.	0 0	State of the Se
2-3 2-3 2-3 2-4			30.18	44 44 43	40	39			"	0 0	
2-3 2-3 2-3 2-4			30.18	44 44 43	40	39			"	0 0	-
2-3 2-3 2-4			30.16	44	40	39				0	-
5. 2·3 2·4			30.15	43	40	39				0	
24			30.15	43	40	39		To the Hope and the			
24								To the Hope and the	100000000000000000000000000000000000000	1	
7-4					40	08	1	0.0.0.9.		0	
			30.10						-	0	
2-3			30.08					0.c. m.n.		0	
2-3										0	
3			30.01	44	41	40				0	
3-5			29.97	46	41	40	1:	0.c.me. 9		0	
3								0. c. ow.d.		0	
3.5								0.c.m.b.a.		0	
	2-3 3 3-5- 3	2-3 3 3-5- 3	2-3 3 3-5- 3	2-3 30.06 3 30.07 3-5- 29.97 3 29.93	2-3 30.06 43 3 30.01 44 3-5 29.97 46 3 29.93 46	2-3 30.06 43 41 3 30.01 44 41 3-5 29.99 46 41 3 29.93 46, 41	2-3 30.06 43 41 40 3 30.01 44 41 40 3-5 29.93 46 41 40 3 29.93 46 41 40	2-3 30.06 H3 H1 H0 3 30.01 H4 H1 H0 3-5 29.97 H6 H1 H0 3 29.93 H6 H1 H0	2-3 30.06 +3 +1 +0 30.01 +4 +1 +0 3-3-5 29.97 +6 +1 +0 0.c.me.g. 3 29.93 +6 +1 +0 0.c.ma.	2-3 30.06 +3 +1 +0 30.01 +4 +1 +0 3.5 29.99 +6 +1 +0 0.c.me.g. 3 29.93 +6 +1 +0 0.c.ma.	2-3 30.06 +3 +1 +0 0 3 30.01 +4 +1 +0 0 3-5 29.97 +6 +1 +0 0.c.me.g. 0 29.93 +6 +1 +0 0.c.ma. 0

Course and distance made	le good since preceding noon by	observations,	knots,	tenths.		
(Lat	itude by D. R.		0	, ,		
Lor	gitude by D. R.		•	, "		
Position at Noon : Lat	itude by observations of O		0	, "		
	gitude by chronometer from For	renoon Observations of ⊙	•	, ,		
(Lat	itude by		0	, ,		
Position at 8 A. M.	gitude by		•	, ,		
( Lat	itude by		0	, "		
Position at 8 P. M. Lor	gitude by		0	, "		
Current during the time		r hour, setting to the				
( Error of the Compass by	Azimuth O observed at	, ship's head	0	-		
Deviation of the Compas	s by Azimuth O observed at	, ship's head	0		variation used,	0
(Error of the Compass by	Azimuth o observed at	, ship's head	0			
Deviation of the Compas	s by Azimuth O observed at	, ship's head	0	,	variation used,	0
Water expended during	the preceding 24 hours,		500	gallons.		
Water	during the preceding	24 hours,		"		
Water remaining on han	d fit for use at Noon,		2/00	0 "		
Coal consumed during th		360 lbs.				
Coal remaining on hand	at Noon,		136 " 5	60 "		

P. M.											
1	N. ly &	East.	3-5	29.83	47	43	43	0.0.N.g.m.	cum aint.	0	
2	North	North	3	29.82				0.c.n.m.		0	
3-	N. ly &.		8	29.76						0	
4		1.491.	4	29.78	47	40	40			0	
5	19. ly 1.	NOW. by N.	4	29.74	45	40	40			0	
6	191.		45	29.75	44	19	39	b.e.m		1	
7	J. Ot. ly N.		4-5	29.80						8	
8	Jos.		4-6	29.82				b.o. q.	cum steat.	8	
9	94.484.		4-6	29.84				b.g.	nne	10	
10	91. ly . V.		4	29.84						10	
11			3-4	29.85						10	
Mid.	A.or.		35	2986					-	10	

Communes and until 4 a. M. Overcast and mity with rain. Light to gentle breeze from E. by F. and FE. by E.

It beite Sunt Qu & 90

From 4 to 8 a. Ch.

Orread cloudy and rainy Light to moderate beezes in aqualle from

F.E. by E. Baroneter falling. Received in Dept. of Pupplies and Recounts 104/2 lbs bref,

104/2 lbs. orgitables, 82 lb. brad.

L.m. nome Ensign Q. J.M.

Orm 8 a. On. to Merid. Orneast, cloud, to Chenter Overcast, cloudy, passing almons and drysling rain. Gentle been with stiff aqualle from East, Bacometer falling, as musticed at quarters. Paymosters bless John East, 218. about without leave, I estimated appendices at quarters. Passend in Dayl Dept. Deplies and Account 50 juneye. I a clouder & books or H. Fl. came from Flagehip and belt such call.

Lieutenant D. & Dr.

Firm Preside to 4 9 M. Derocast, miety and rainy. Gentle to stiff breye from East at first shifting to choth and it to b. Baroneter falling. I seemed clothing and small stone to apprentice, and second out clean hammorie.

School Ou & ON.

Gens 4 to 8 G.M. . Overcast and cloudy first part, cleaning latter part of watch . Moderate to fresh begy from N. Ch. by N. B. ausmeter sleng.

Stenten auf & & &.

From 8 PM. to Mid. blear and cold . I gually . Gentle to feel beey from N. W. by N. Fend steam launch to Fraining Station for the night. State of a day

Examined and found to be correct.

Pages H. Galf. Sq. Navigator

# LOG of the UNITED STATES

UNITED STATES Thip Essex. Third Rate, Moored to Bury in the Harborr of Olewsport, R.D.

		1000			1				0		0						
	Reading of Patent Log.	Reading		WIND.				BAROME	BAROMETER.				State of	Forms of	Clear Othe.	io Sea.	
Hour.		COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Heel. Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSea		
A. M.				NOW. by Jr.	New.	5.7			29.88	38	34	30		b.e.q.	cum unit	4	
2				F. J. et .	•	5.7			29.89	37	33	29		4.9.	none	10	
3				NOL		5.7			29.90							10	
5			1	901		2.8			29.91					b.c.q.	cum.	8	
6				94. NO4.		47			29.93						,	8	
8				ar. dar.	Ot. 104.	6-8			29.95							8	
9				u		6-8			29.91							5	
10						6.8			29.90							4	
Noon.						6-7			29.89				1			3	

Course and distance	e made good since preceding noon by observations,	knots,		tenths.	
	(Latitude by D. R.	•		"	
	Longitude by D. R.	•	,	"	
Position at Noon:  Position at 8 A. M.  Position at 8 P. M.  Current during the 1  Error of the Compas Deviation of the Cor  Error of the Compas Deviation of the Cor Water expended dur	Latitude by observations of ②	•	,	. "	
	Longitude by chronometer from Forenoon Observations of O	•	,	"	
	( Latitude by	•	,	"	
Position at Noon:  Latitude Longitud Position at 8 A. M. Latitude Longitud Position at 8 P. M. Longitud Current during the time, Error of the Compass by Azir Deviation of the Compass by Azir	Longitude by	•	,	"	
		0		"	
Position at 8 P. M.	Longitude by	0		"	
Current during the	time, knots tenths per hour, setting to the				
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	•	,		variation used,
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head		,		variation used,
Water expended du	ring the preceding 24 hours,	5	00	gallons.	
Water	during the preceding 24 hours,			"	
Water remaining or	n hand fit for use at Noon,	16	00	"	
Coal consumed duri	ing the preceding 24 hours,	L tons, 2	56	o lbs.	
Coal remaining on	hand at Noon,	13 4"	164	0 "	

P. M.		Ju Qu.	94.194.	6-8	29.86	2/	1-	11	1.	cum.	,	
			4.0191.						b.o.g.	anas sunt		
2		M. by N.	*	6-8	29.86				"		3	
3				6-8	29.85	37	36	32			14	
4		Prest		6-8	29.85						4	
5		N.W.	N21.	6-8	29.87						5	
6		QL. NO.	Q1. N. Q4.	6-8	29.89						5	
7		Not.		5.7	29.89						5	
8		Q1. A Q1.		5.8	29.90						7	
9				6-8	29.92	34	31	29	b.q.	nne	10	
10				6-8	29.94						10	
11	1 4 4 4 4	•		6-8	29.94	30	29	28	tag.	con stret	8	
Mid.				5.7	29.95	30	29	27			8	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until + a.l.M. . Obsather clear . First brey to moderate gale from N. B. Barometer riving . This vidual to wind.

WBWhitelery Lieutenant Q. J. R.

8 Dientenant Ok. J. Ok.

From 8 W. On. to Menid.

Dair to clowdy and cold Fruit breeze to moderate gale from It & Ch. Burneter falling elevely. At 9.30 mustud and inspected at quarter Dilled apparative devicine at stations for Junal Charter.

Levely & S. C. Levely & S. C.

From Pheid to + G.M. Pheather fair Fruit breeze to gale in equalls from 9. N. & Barometer steady at 3.35 wing wag engines was made from Flation Bed boat for Engueire stores Got up and boat the toppatiant sails and wysels.

WBWhitelery Sentenant Ch. J. O.

From 4 to 8 P.M. Dair and cold. Igually Stiff been to moderate gale from N.W. and N. N. D. Bavonetu riving alongly. At 5 45 carried at fin quarter Ut 5.50 and atom launch to Drawing Station, to seems for the right Sent librity party on above.

From 8 9.90. to Grid. Obeather clear Fresh breen to strong gale in aqualle from Ch. 194. Baronete ruining. This riding to would.

WBWhitelery Sintewant & & R.

Examined and found to be correct.

Roys H. Galt St. Sargaton

LOG of the UNITED STATES Thip Essex. Third Rate, Moved to Bury in the Harbor of Newport, R.S.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	of Clear in 10ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	StateoftheSe
A. M.				11.01	NOI.	5.4			100-					2			
1 2				NON. byd.	ev w.	5.7			29.95					b.c.g.	cum strat.	5	
3				ov string		4.7			29.96							7	177
4				. N.W.		4.7			29.97							4	
5						5-8			30.00	30	28	27				4	1
6						5-8			30.01	30	28	27	3.5			5	-
7				NOW by OU.		5.7			30.02	30	28	27			-	5	1
8				Nev.	/	5-7			30.01	32	29	28				7	-
9						6-8			30.01	33	32	3/			-	6	-
10						6-8		100		35			-			5-	1.
11						6-8			29.98	36	35					17	
loon.						6.8			29.98	38	36	135	-		-	6	-

Course and distance	e made good since preceding noon by	observations,	knot	s,	tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		•		"	
	Longitude by chronometer from Fo	orenoon Observations of ⊙	0	,	"	
	( Latitude by		•	,	"	
Position at 8 A. M.	Longitude by		. 0		"	
	( Latitude by		0		"	
Position at 8 P. M.	Longitude by		•	,	"	
Current during the	time, knots tenths pe	r hour, setting to the				
( Error of the Compa	ss by Azimuth O observed at	, ship's head	•	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0			variation used,
(Error of the Compa	ass by Azimuth O observed at	, ship's head		,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used,
Water expended du	ring the preceding 24 hours,			500	gallons.	
Water	during the preceding	24 hours,			"	
Water remaining o	n hand fit for use at Noon,			1100	" .	
Coal consumed dur	ing the preceding 24 hours,		2 tons	, 152	o lbs.	
Coal remaining on	hand at Noon,		131 "	136	0 "	

Р. М.									
1	A 24. by A.	191.	6-8	29.98 3	18 36	36	b.o.g.	cum stiat	5
2			6-8	29.98 3					6
3	A 91. 1/2 N.		6-8	29.99	37 36	36			4
4	04.404.	NOL le Q.	6-8	30.012				Cian.	2
5	194.	v 04.	6-8	30.08-3				mint strat.	4
6	,	•	6-8	30.08	34 33	32			4
7			5.7	30.12					7
8	1.19.		46-6	30.15					8
9			6-8	30.15 3		A COLUMN			6
10	194.		4.6	30.18	3.4 32	32	2 214, 24	in last	5
11			4.6	30.19 3					5
Mid.	1.19		4.6	30.20 3					4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until & a. On. Fair and cold. Inoducate to very freely breeze in aqualle from No. Grandwally cluding from No. and Old. Moon rose about 1.30.

RA Find ale Ensign Dr. S. Dr.

Dem 4 to 8 a. On.

Bair and cold. Squally. Itiff breeze to moderate gale from NON.

Bairmete rieng, until 7, then falling Garried out morning order. Received on brank in

Pay Dept. the following, freels promethe for rime to crew, 104/2 blo bref, 104/2 blo. ngitable, and 86 blo. bread.

Sheet, Sentenant On S.O.

From 8 Q. M. to Preside Seather clear Fresh breve to moderate gale in equally from N.M. Barometer steady. At 9.45 mustered crew at quarters. At 10. started distilling

Wawhiteley Lieutewant U. J. N.

From Merid. to 4 9.00. Pair to cloudy. Deech brew and moderate gales in equally from 44. But Starry Denning (B. 90 101) to Discouning Fration to appear before necessal brand for Burry, actuming referenced. Morgh and for the harbor.

RATindale Eneign Qu. S. O.

Dean + to 8 P. M. Barmete riving.

Cheather fair: Producte breze to get in equally from AR. Barmete riving.

Of 5 " class made segrial to Constellation" Willow temperature is 101.

Willhitelory Dientenant & S. a.

Firm & P. M. to Mid. Pair and cold . Producte to my feel & My buyer

RA Sincale

Examined and found to be correct.

Royan H. Galt. Sentenant & St. Horizonton

LOG of the UNITED STATES Thip Essex. Third Rate, Moored to Bury in the Harbor of Revigert Rd.

			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.			lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.																	
1				Sr. St Ok.	Set.	4-6			30.21	35	33	32		6.9.	none	10	
2						4-6			30.22	35	33	32	1018			10	
3						4-6			30.23	34	33	32		b.c.q.	cum.	7	
4				North		4-6			30.24	34	33	32				8	
5				Aly D.		5.7			30.28	35	33	32			attak.	6	
6					N. St Ot.	4-6			30.31	35	33	32			"	6	
7					A94.	46			30.32	36	35	24			-	4	
8					N.N. 94.	3-6			30.34	37	36	33				4	
9					"	3-5			30.24	38	37	34				5	
10						3-5			30.35	42	40	37		,	,,	6	
11				North	Storth	3.4			30.35	43	, 40	37				6	
Noon.				et. 46.	,	3			30.34	45	42	138		be.	cur.	5	

Course and distance	e made good since preceding noon by observatio	ns,	knots,	tenths.		
	Latitude by D. R.		0	"		
	Longitude by D. R.		0	"		
Position at Noon :	Latitude by observations of O		0	, ,,		
	Longitude by chronometer from Forenoon Obs	ervations of O	0	" "		
	( Latitude by		0	"		
Position at 8 A. M.	Longitude by	• 13 4 1 1 1 1 1 1	0			
	( Latitude by					
Position at 8 P. M.	Longitude by		0			
Current during the		ng to the				
	ss by Azimuth O observed at , ship's h	nead	0			
		p's head	0		variation used,	0
	ss by Azimuth ⊙ observed at , ship's h		0			
}		p's head	0		variation used.	0
	ring the preceding 24 hours,	p s mean	400	gallons.		
Water dutal			1300			
	h hand fit for use at Noon,		200			
	ng the preceding 24 hours,		2 tons, 2/			
		12	28 " 14			
Coal remaining on l	nand at Noon,					

P. M.										
1	NE. by 4.	N.48.	3	30.34 4	19 43	39	b.c.	cir.cum	5	
2	*		2	30.34 3	50 46	40			5	
3	North		3	30.24 3	50 46	40		Cum.	4	
4			4	36.84 5	10 46	40		cir.	3	
5			3	30.37 4	18 45	40	0.0.	cum stret.	0	
6		North	3	30.38 4	+7 44	40	b.o.		2	
123	N. Ch. by A.		3	30.42 4	17 43	39	"	cum etial.	3	
8	1.40.		4	30.44 4	16 42	38	•		4	
9	-		3	30.48 4	4 42	38			6	
10		N. A. W.	2	30.484	4 42	38			7	
11			2	30.49 4	-2 39	37			9	
Mid.			2	30.49 4	2 39	37	6.	arme	10	

Communed and with 4 a. M. Clear and cold. Geoderate to fresh bruze in equalle from St Ch, Riving barometer.

L. m. name

From 4 to 8 a. M. Cheather fair. Worderate to feel breye from NO. and N. N. D. Barmeter ning. Received in Dept. of Supplier and decounter 104 is the beef 104 is the original and 86 lbs. of break.

un Lieutenant Or. S. R.

Dem 8 a. On to Orcid.

Dair and pleasant. Itiff to quote breyes from N. N. M. to North. at 9.40 had quarter for inspection, balled all lands to murter read lictiles for the Germannel of the Navy and mustud the crew. Received from Jung liquidurer of Resport 3500 gallow of feels wheter for the bollow.

R. Lista RA. Sistale

From Phoised to 4 P. Ch. Cloudy and pleasant Light to Producte breze from A N 6. Sent librity party on shore and existing party to Examing Fration. The latter externed.

From + to 8 G. M. . Sentle to moderate Northerly breeze. Barometer riving . Charles

From & P. M. to Mide Color and col. Light air from North to N. N. Ch. Riving baronite

L. M. name

Examined and found to be correct.

Roger Healt. Sintenant & N. Navigator

LOG of the United States Ship Essex. Phid Rate, Moored to Bury in the Harber of Reveport, R.D.

Patent   P	N. STEEL	BEE THE		1000			U	1	6		1		1				
Patent   P	lear the			TURE.	PERA	TEM	TER.	BAROME				WIND.		Daviller	1		
1 NE. NE. 1 30.49 41 38 36 b. rem. 2 FE 1-0 30.49 40 37 35	Y 20 1	Clouds, by symbols.	the Weather,	Water at Surface.	Air. Wet Balls.	Air, Dry Bulb.	Ther.	Height in inches.	Leeway.	Heel.	Porce.	Direction by Standard Compass.	COURSES STEERED by Standard Compass.	Patent	Tenths.	Knots.	Hour.
96 1.0 30.49 4037 35 3 J. N. M. M 1.0 30.49 4037 35 6alm 0 30.47 4036 34 5 North 0 30.47 4037 35 b.e. come.			0		. ,								4.0				A. M.
3 N. N. M 1-0 30.49 40 37 35 6alm 0 3a.47 40 36 34	10	none	6.		36	38	41	30.49			1	J/ 6.					1
6alm 0 30.47 4036 34 0 30.47 4037 35 b.e. come.	10				35	37	40	30.49			1-0		98.				2
6 6 clm 0 30.47 40 36 34	10				35	37	40	30.49			1-0		N. St. 2.				3
5 North . 0 30.49 40.37 35 b.e. came	10										0	Calm					
. 0 30.49 41 34 35 · cum.	48	cum strak	b.c.								0		North		1		100
5. ly 9 0 30.48 44 39 37	4. 8	cum atial			35	34	41	30.49			0						
	8				37	39	44	30.48			0		E. by 9.				7
8 9. Cy E. N. 94. 0-1 30.47 46 41 39	8				39	41	46	30.47			0-1	J. 94.	9. ly E.				8
9 Feet Set 0-1 30.45 48 42 39 " "	5		,,,								0-1	fel.	Forth				9
10 . Fet by ! South 1 30.42 48 42 39 " "	3	"			39	42	48	30.42			1	South	991. by 91.				10
n 9.861. 1 30.42 44, 42 40 0.c. "	0		0.0.		40	142	44	30.42			1	9.391.	,				11
oon. Fly W. Farth 1 30.41 45 42 40	0				1 40	-42	45	30.41			1	Forth	9. by W.				oon.
	100												1				

Course and distance	e made good since preceding noon by observations,	knots,	tenths.		
	Latitude by D. R.	. 0	, "		
	Longitude by D. R.	•	, "		
Position at Noon :	Latitude by observations of ⊙	•	, ,,		
	Longitude by chronometer from Forenoon Observations of O	•	, ,,		
	( Latitude by-		, ,,		
Position at 8 A. M.	Longitude by	0	, ,		
	( Latitude by	0	, "		
Position at 8 P. M.	Longitude by	•	, ,		
Current during the	time, knots tenths per hour, setting to the				
(Error of the Compa	ass by Azimuth O observed at , ship's head	0	,		-
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0		variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	c	,		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0
Water expended du	ring the preceding 24 hours,	. 40	o gallons.		
Water distil	led during the preceding 24 hours,	120	0 "		
Water remaining of	n hand fit for use at Noon,	280	0 "		
Coal consumed dur	ing the preceding 24 hours,	2 tons, &	520 lbs.		
Coal remaining on	hand at Noon,	125 . 2	200		

P. M.									
1	9 04. ly 9.	Qu. 9Qu.	3	30.39 43	41 38	0.e.m.2.	cum unt	0	
2	9.9 W.		2	30.37 42				0	
3	991		2	30.35 42	39 37			0	
4	194.	9 W.	1	30.35 42				. 0	
5	N by Dr.		1-0	30.36 42	41 39	b.e.m.		2	
6	N. Cy E.	9. JON.	1	30.36 43	40 38	,		2	
7	E. ly N.	balm.	0	30.37 42	40 38			3	
8	9.18.		0	30.37 42				7	
9	98.ly 4.		0	30.37 43				6	
10	# 21. ly 9.	· East	1-0	30.37 43			4	6	
11	34.3	Sorth	1-0	30.37 44		0.0.m.		0	
Mid.	Ily 6.	N. N. E.	1	30.37 43		6.0.m.		3	
				/					
THE PARTY NAMED IN COLUMN		THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. m. blear and cool. balor and light air from 16. Barometer steady, then falling.

Jordan Justenant M. J. M.

From 4 to 8 a lk.

Chav. Calm and light I Phy. aris at 7.00 bristed Inter. 4560 Constitution answered 904. Eighted first at that time under birless it and B. at 7.30 knoted Inter & 5455 "Constitution" amounted 904 and at 7.45 lossed sail to dry Received in Pay Dept. for issue to crew, following freely pioneine, 10412 lbs. bef, 10412 lbs. Agetable and 86 lb. brad.

RA Sindale Eneign & J. M.

From 8 a. On to Mend Cloudy to oriceast Light Botherly and FDMy airs Bacometer falling slowly.

at 10.00 made eignal Dub sine toppallant and royal yards Constitution Consistent types.

Covered light yards and but the gar. But or chaping gran and seet all accoming below.

Distilling.

Logar W. F. Romes

Energy W. F. R.

From Meid. to 4 P.M. Queach cloudy arrowing Scutte breeze to light acie from A. F.W. to F.W. Baroniter falling, then steady. All 100 morall segral Int. 4826. Flagship answered got. Fully sail Rejied in and secund for sea, 126 butter. But main and neight topment streads.

Dum 4 to 8 9 %.
Cloudy and hazy Enronia fiel part Light and from I. I. M. to calms.
Barometer nearly steady. Durkipped part gangung and rigger in part from Tecure 2nd
Cutter for ma.

Lin name
Careja N. I. M.

Dem & C. On to Mid.

Chan and cool field part process, cloudy and hazy latter fact of watch balow and light aim from East to North. Baronette steady. Placed & N. Narlem Tra) under charge Practic at. army to await action Commanding Offices, offices, smuggling interesting legior and under influence of same while on duty in steam launch.

Mordon Dutenant On SON.

Examined and found to be correct.

Player A. Galt. Levelen Sel . Navigator

LOG of the UNITED STATES Ship Essex Third Rate, Moond to Bury in the afor of newport Red and making pressage to Smill ampton Enq.

	1		Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			lear kbs.	100
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Chanadah
. м.				1, 2 0 11.	N.N.S.	0-1			20 20		2~	2.5		0.c.m.			
1 2				15 by N.	JV.UV 6.	0-1			30.37							0	i
3				P. by N.		1-2			30.37							0	
1				N. NOV.		1			30.37					0.0.p.m.		0	
5				North	NE. by N.	1-2			30.38					0.c.m.10.		0	
6					. 0	2			30.40	39	37	35			,	0	
7				11	NE.	2-3			30.41					0. c.m. s.		0	1
8				8.98.	6.NE.	2			30.42	39	37	36				0	ı
9	Qun	der	way	Various		2			30.41					bc.m.		2.	1
10			59.8		East	4			30.41	46	41	38				4	-
11	3	2	63.0	96. by 9.	6. ly 9.	4			30.41						-	2	H
on.	5	4	68.4			5			30.43	41	40	138	1	b.c.s.	-	2	-
	-					100			1				-			1	4

8. 6 Dictaure by Sog. Course and distance made good since preceding noon by observations,

(Latitude by D. R. Longitude by D. R. Position at Noon : Latitude by observations of O Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. { Latitude by Longitude by Position at 8 P. M. Latitude by Longitude by

Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head , ship's head ( Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at , ship's head

Waxpended during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

during the preceding 24 hours,

2400 7 tons, 620 lbs. 118 " 1530 "

knots, tenths. 41017 "1

71017. "9.

400 gallons.

variation used,

															100	ı
P. M.				,												ı
1	7	5	76.2	9.88.	East	4-6	30.43	37	38	36	39	0.c.m.e.	. cum . wint	0		
			82.9	98. by 9.		46	30.43									ı
3	7	4	91.3	.,1		4-6	36.43									l
			99.8			4-6	30.41									
			7.9		6. ly N.	4.5	36.42	38	38	36	39	b.c.	amil stat	1	M.	H
			15.7		31.3	45	30.43							0	1	
7	8	. 3	240			5						4		0		l
			33.3			5-6						b.c.b.g.		2		-
9	8	3	41.6			5.7						b.o. 98.6		2		
			46.2	E. 9E.	Jt. JV &.	57						6.c.7.0.l		1		
			50.5	98 6,8%6.	NE. by N.	6.7						00.9.0.6			c.R.	
			55.5		18	6-8								0		
								200	100		1				1339	

, U. S. Navy, , 1896 .

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until of a on Ourcast and misty Light enow last how. Calm to light buye from N. N.E. & H. Dall. B. M. 2 Cl., reported on brand for duty in obrdience to order

Dum 4 to 8 a. m.

breeze from A. E. by the to E. M. E. Neising baronith. Constd, negged in and received steam cutter for sea. Themse whallow and zig for sea. Inshipped starbrand gangway Rigged in and unagged starbrand lower brown. Duruel on sugue at 6.45 and reported ready at 7.10. of mo name

Baronete aleady, then neemed . At 8.45 cast off from lung and seamed out of healer Communiting Offer comming the ship Every from 6.46. to Eby 9. Baronete aleady, then neemed . At 8.45 cast off from lung and seamed out of healer Communicing Offer comming the ship Every july for card of selections left Lightchip . At 11.00 at all for add off sail, at 11.75 tork in flying july Frick departure at 10.30 Button Cef Lightchip . At 11.00 bead 18 by 4, dictant 144 miles. This lead of \$1.20, Out one patient of section of Selection Ceffer and Selection (Sa) in colitary confinement on located and water for fire draw of Communicipal light on brand . Draft of ship 14'00' found 16'3' aft. Average stam 55 lb. Average curbustom 45.

Elem Oreid to 4 P. On.

Cloudy and cold . Fqually from Each with some fruit two hours . Or release to freel breeze from Each and E. by t. Barometer fell alightly last hour . Fourth son . I terring conce IE. by t. Beached off to South part of fruit hour to aired passing create . Ouder atom and for and aft each Beached off to South part of fruit hour to aired passing create . Ouder atom and for and aft each Decenterant ON . S. 9. eacept flying jet Revolutions 42 Steam present 55 lb.

Orom 4 to 8 P. m

Chather cloudy. Lightning in the FCh during last half how of witch Itiff to fresh been from 6 by 1 to 6 No Baronita ricing Products see a At 4.30 took in mugicu topment atayosal absorbed put two enight refer in the topsale, Inling them again as so set foresis. At 700 as the double refer topsale At 730 took in the epacker. This ends attain and each, etering a concer than present 56 th. No revolutione 43.

From 8 P.M. to Mid

to moderate gale at end of water from 4 46 to the in squalle first pat attended with light rain and some Jonnesseng E. Hely and with light rain and some Jonnesseng E. Hely and with light rain and some Jonnesseng E. Hely and could form the fact changed to E. F. by order of Communiting Officer, but afterwards by the wind year tack under strem and each with 9.00, when stopped engineer and surempted, allowing fores to die out under biters of and B. At 8.30 took in man topmast stayment and at 9.00 set spanker.

RASindale & Ensign W. Ja.

Examined and found to be correct.

Thomas Hyalt Lientenant Q & 90 Navigator

variation used.

LOG of the UNITED STATES Ship Essea. Third Rate, Making passage from Newport Rd. to Southampton, England.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	lear ths.	e Sea
Hour.	Knota.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Cl. Sky, in 10t	Stateofthe
A. M.	86		60.3	96.ly 6.12 6.	<b>√</b> 6.	6-8		2	30.42	38	38	36	39	b.c.	cum nint	2	m
	4	1000	65.1	0		6.7		2	30.42	37	37	36	41			2	
		1				6.7			30.42							2	
			75.3		St E. by st.	6.7			30.44							0	
			81.2			6.7			30.44							0	Lle
			86.5			5.6			30.47						THE RESIDENCE OF THE PARTY OF T		
	5	1	91.8	38.3	N. N.E.	5.7								0.0.0.9.		0	
						6.7		1	30.50	39	39	36	45	t.c. q. s.			
	5		2.9	98. h. 6.	NE. ly St.	6.7		1	30.53	39	39	36	45	b.c.g.s.	minik ate	42	æ
		7	8.6	96.48126	1	6.8		1	30.53	39	39	36	45	0.c.g.h.			
	5	1	14.0	8.98.	J.NE.	6.8								b.c.g.			
Noon.		0	20.0			6-8			30.55	-39	38	35	49	0.0.9.2.			

151 3 Distance by Sog Course and distance made good since preceding noon by observations, knots, tenths. 39040 . 1. " (Latitude by D. R. 69.08. 04" Longitude by D. R. Position at Noon : Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by Position at 8 P. M. Latitude by Longitude by Current during the time, knots tenths per hour, setting to the ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head 400 gallons. Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, 600 " Water remaining on hand fit for use at Noon, 2600 " 1 tons, 1860 lbs. Coal consumed during the preceding 24 hours, 116 " 1910 " Coal remaining on hand at Noon,

											1	100				1	-
P. M.												But				1	
1	6	4	26.4	6.98.	1.48	6-8	2	30.56	39	36	3/6	47	0.c.g.L.	cum suint	0	R.	
2	6	1	32.5		N. 46.	7-8		30.55						.,			l
3	3	7	36.2		N. h. E	7-9		30.56									ļ
			41.0	E. ly 4.		7-9								100000000000000000000000000000000000000		1000	
5	5	0	46.0	0.		7-9	2	30.56	39	39	37	54			0		
			51.2			7.9	1	30.56	40	Bio	37	54			0	130	ı
			55.9	8.98.126.		6-8		30. 57							0		
8	4	1	60.0			7-9							b.c.g.L.		2	-	l
			63.8	& by 9.		7-9	1	30.58	42	34	38	56	0.0.9.		0		
			67.2			7-9		30:58						1000	0		ı
11	4	3	71.5	,,		6-8									0		ı
Mid.	4	1	75.6			6-8		30.57						0	3		ı
-								1	300		,						
STATE OF THE PARTY	54	6	4-945	· ·	The state of the s		-		-	100							
			*	*													

Commenced and rutel of a M. Cloudy and cold . Fam equally last how Fresh breeze from ME. to NE. by N. Barmeter rising, at sud of watch. at 120 took in jet and aparter By the world on port tack under Sail alow. Sightning to Nid. and Ed.

Ly Mo name From 4 to 8 a.m. Cloudy and cold . Occaseinal new aguells. First to freely heep with very fresh aqualle from N.E. by to N.N.E. Barometer aring. Thering by the wind on post tack, under double refer topeanle, forward minim tripial and for topman to taijeail. Long entil from Ed, with come are from N.N.E. This willing and jitching deeply at times. One said in eight at daybrass etanding to the File.

Deutenant & J. D. From & a. M. to Merid. Com & G. M. to Mered ... Cloudy and equally Occasional light chorus of hail Freel breez to moderate gale from M. E. by M. and M. M. Bavoneta rising. Rough sea Thip petching and solling consolerably. Description of surface water rose of degrees during watch. By the wound me port tack first haef, then me course 5.86 Ander for topmant etayant, foreast, doubte seefed topeacles and main topial. Stopped dutilling. Huby

From Merid . to 4 G.M. Pheather or east and cloudy Moderate to sting gale in aqualle form N. N. E. to N. by E. Bowometer steply. Occasional light showns of last. At 20 chord class reflect the topicale and engle reflect the formails. For up preventer braces. Bent storm maggin and for storm stayeail. Maggid in the qualter brace. Lighted a steamer on starband brace At 30 clack changed concer to E. by S. Thip render pail alone, petching and rolling to rough sea from N. N. E.

WBWhitelory From 4 to 8 PM. Sentement and cloudy, cleaning to N Ed at time last home Mordento to fresh gale from I by E. Comer E by F. Chaking It first half of watch at 600 hauled out stown miggon. Rough ever, and chip pitching and welling as good deal at times. Lestewart 96.9.90

Drom & P. M. to Paid. Securally vorceast, cleaning elightly at end of watch Fresh buys to strong gales in equally from 4. by E. Grandy barmeter No change in each On course E. by F. angle vor from ANE, loveinduckly jetching and recassimal beaux orling.

L. m. Hame La Cusign Ol & M.

Examined and found to be correct.

Roger H. Yalt See Navigation

LOG of the UNITED STATES Phip Essla, Third Rate, Making passage from Phenoport, R. I to Smithampton, England.

-			Reading						BAROMI	JIER.	11,31	EKA	UKE.			Clean 10ths.	7
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	State of the Se
A. M.	54	6	81.0	E. ly 9.	N. by E.	6-8		1	30.56	44	43	40	56	b.c.q.	cum print	4	R
2	4	7	85.7	<i>f.</i>	1	6.7		1	30.55	44	43	39	57			4	
3	5	ó	90.7			6.7		1	30.53	44	43	39	57			4	1
4	5	7	96.4			6.7		1	30.52	44	43	40	58	"		5	
5	5	2	1.6	"	North	5.6		1	30.54	44	43	40	58	"		5	
6	5	5	7.6		1 "	5%		1	30.56	44	43	40	56	"		5	
7	5	3	12.4			57		1	30.57	44	43	39	52			5	
8	6	4	19.0			5-7		1	30.57	45	45	41	52			5-	
9	5	9	24.9	East		5.7		2	30.57	45	45	41	51			6	
10		3	30. 2			5.7		1	30.56	45	45	41	50			7	34
11	4	2	34.4	1000		5.7		1		45	47	42	52			8	
loon.	4	7	39.1		A. by &.	5-7		1	30.55						-	8	1.

117. 9 Distance by dog.

Course and distance made good since preceding noon by observations, \$69 - 6. (Latitude by D. R. Longitude by D. R. Position at Noon : Latitude by observations of O Longitude by chronometer from Forenoon Observations of Position at 8 A. M. Latitude by D. R. fum Nom Longitude by Position at 8 P. M. {Latitude by D.R. fund Armer Longitude by

Current during the time. 17 knots 5 tenths per hour, setting to the \$12.6.

( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours, during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

		1000		00	st.
				00	
					. st.
0				55	
				,	
	0		,	,	ex.
	0		,		4.
					m.

variation used.

2300 1 tons, 2160 1bs. 114 " 1890

									4 2000								1	я
	P. M.																	ı
	1	5	1	44.2	East	North	5.7	1	30.53	46	47	42	53	b.o.g.	cum steet	6	H.	ı
	2	5	8	50.0			5.7		30.52							5	1	ı
-	3	5	7	55.7			5.7	1	30.51	47	47	42	54			5		ı
				61.0			5.7		30.49							7		ı
	5	5	4	66.4			5.7		30.50							7		ĺ
				71.4			5.7		30.49							7		ı
				76.5			5.7		30.48							8		ı
				81.5			5.7		30.48							8		
				86.6			5.7		30.48						strat.	8	M	
				91.9			5.7		30.47									ĺ
				97.2			56		30.46							8	100	ı
				2.9			5-6		30.45							9		ı
			1	~ 7			3-6	1	50.45	79	48	75	96			1		
	-							100					200		No. of Concession, Name of Street, or other Designation, Name of Street, Original Property and Name of Stree			ø

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. In. Fair and cold Fresh here with bean aqually from I by E Baroweter falling. Tingle sea. Itering a course & by I under clar reefed topsails rulgle reefed foreself, atten migger, main tifiail and for topmast staysail.

Levitenant & S.M.

From 8 a. M. to Merid.

Cheather clear Fresh breze to moderate gale in equally from North to A by E.

Barometer falling This pitching and rolling hearly at times to rough sen from A. N. E. at 80 clock changed
concer by order of Commanding Officer to East.

WHO WHILLEY

Willburlery Sentenant & S. Dr.

From Presid to 4 P. M. Dair . Fielf to very fresh breeze from North . On concer East . Rough N. N. Ely sea . This rolling a good deal at time .

Robbistale Ensign 91.59h

From 4 to 8 9 M. Blan. Fitte to fresh brezes in squallo from Sorth Barometer nearly steady. On course East. So change in soil Rough sea from NE. This rolling heavy at frequent internste.

Liming Q. J. 9.

From 8 9.90 to Price Clear and cord. Fiff bayer wish freel equally from North Branmeter felling along. Freeing a course East much Nor Manager in earl. Products sea with occasional blong will from No.

Leutenant M. J. A.

Examined and found to be correct.

Raging Hyalf ... Navigation

143. 1 Distance by Sog

Third Rate,

		1	Reading		WIND.				BAROMI							Clear 10ths.	. Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C	Stateofth
M. M.		8		٤.,	North	6-7		,	30 111	1 40	110	1/2	-1	b.c.g.	cum	,	3
			15.6	Gast.	o our	6.7		1	30.42					v.c.q.	· ·	6	
		4				6.7			30.4							7	
			26.7			6-7		1	30.30	49	48	43	56		,	8	
			33.4			5.7			30.40					,		8	a
			40.4		1	6.7			30.41							7	
			48.1	E. by A.	Jely 9.	6-8		2	30.42	50	49	44	56		cir.cum	. 8	1
	7		55.8		0	6-8		2	30.42	50	49	45	57			8	1
	,	7	63. 5			7.8		1/2	30.44	150	49	44	57			8	
			70.5		N. N. 94.	7-8		1/2	30.44	50	50	45	57			8	3
		7	77.2			6.7		1/2	30.43	50	51	46	60			8	-
oon.	,	0	83.2			7-8		1/2	30.42	50	51	146	61			8	1

	Course and distance	e made good since preceding noon by obser	vations, 61.5 A.	16 knots,		tenths.		
		(Latitude by D. R.		3901	18 . 1.	5 N.		
		Longitude by D. R.		39 0 1	9.33	· 04.		
	Position at Noon:	Latitude by observations of O		39 00	8 , 0	1 N.		
		Longitude by chronometer from Forenco	n Observations of ⊙	6400	5. 5	3 " 94.		
		Latitude by D. R. Land Now		0	,	" A.		
	Position at 8 A. M.	Latitude by D. R. from None		0		" %		
		Latitude by D. R. from Norm Longitude by Chrometer from P. 9h		0	,	" M.		
	Position at 8 P. M.	Longitude by Chronemeter from P. 916	observation .	0	,	" 04		
	Current during the	time, — knots 8 tenths per hour	, setting to the \$289 94.					
(		ss by Azimuth O observed at , sl		0	,			
1	Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	,		variation used,	0
-	Error of the Compa	ss by Azimuth O observed at , sh	nip's head	o	,			
1	Deviation of the Co	mpass by Azimuth 'O observed at	, ship's head	0	,		variation used,	0
	Water expended du	ring the preceding 24 hours,			400	gallons.		
	Water dictille	during the preceding 24 ho	urs,	6	00			
	Water remaining or	hand fit for use at Noon,		2	500			
	Coal consumed duri	ng the preceding 24 hours,		/ tons,	1360	lbs,		
	Coal remaining on l	hand at Noon,		//3 "	560	"		

									1000000									ı
	P. M.																	ı
	1	7	3	90.5	8. hy 1.	N. ly 04.	7.8	14	30.40	50	58	45	60	b.o.g.	cir.cum	7	R.	ı
1				97.9	6. by 4.	N. ly 04.	7-8	1/4	30.40	50	50	45	63			7		l
	3	7	5	105.4			7-8											l
	4	5	9	11.3			7-9	1/4	30.38	50	50	45	65			7		ı
				15.8	6.46.126.		6-8	2	30.38	50	49	45	67					ı
				19.9			7-9		30.38							3		ı
				24.0	6.46.3/46.		6.9		30.38							4		ı
				28.8	6.12 N.	North	68		30.41							6		ı
				32.9			5.7	3	30.42	51	50	45	67			7	X.	ı
				36.1	E. ly M.		5.7		30.43						10000			
				38.2	6.16.126		5.7		30.43							6		
				40.4	\$.N.B.	J. Get.	4-6		30.43							6		
									1									

, U. S. Navy,

En Ensign W. J. OK.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and entitl 4 a.M. Blear equally bright starkight. Bacometer falling aborby observe sea. This rolling and spitching deeply at times. Fresh breen from North Steering could East, under for topmast staywail, foresit, double reefed for and main topsails main trysail and stome muzzer. Finally distilling.

Orms of to 8 a M. Obsacher clean Fresh beege to ating gate in aqualler from North to N. by 4. Baroneter riening at 50 clock nighted as schoner absact, standing to the II. This willing and spitching to rough conse era from A. A. E. and N. by 4. at 6. 25 changed conser to 8. by 4. patent bog registing 44.4.

Williams 44.4.

Williams 44.4.

From 8 a. On to Chaid. Clery fresh breyer and moderate gale from A. A. Ch. On concer & by A. (y.c.) at 9.30 mustered at quarter. At 9.40 trok in atom muzzur Berry A. May will, to which also willing a good doub to beward. High curus forming to Fad.

From Oneride to 4 P.M. Chear Freek breeze to ating gale in aqually from N. by A. Barometer standy till last how. On cour & by N. No chadge in and till 3.45 when called all hander and claw needed topscale. This volling very brainly card shipping server sear during watch. Puggish life lines and put thwest ship tackler on cutters.

From 4 to 8 P.M.

Chean and pleasant Fresh been with bean agently from 4 by 4 to 4 orth.

Bacometre steady then runing Itering full and bye on good tack under close registed toperals, forward main trypial good for tophrash stangard. At 415 tron enight next in forward Tong and from 45, with sample cross sea from 48. They willing heavy at times Out one oil bage.

From 8 P. M. to Phid.

Clear, squally, bright starlight. Phrotects to freel breeze from North and No by 4. B arometer riving about, Beang are from No. 5, This willing deeply. By the wind on fort tack, under for topment staryinit, emigle respect foresil, clar respect for gud main topseally and main topseally and main topseally and Secretary Co. S. Co. S. Secretary Co. S. Oc.

Examined and found to be correct.

Rogers A. Galf-Lieutenant & S. R. Navigator OG of the United States Phip Essex. Third Rate, Making passage from Prewport R. D. to Touthampton England.

	1		Reading		WIND.				BAROMI	TER.	TEM	PERA	TURE.			Clear 10ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C	Stateofth
A. M.	57	2	42.8	E. 16.	N. ly 94.	4.6		3	30.43	52	57	47	68	b.c.g.	cum.	6	æ
2	2	8	45.6			4-6		3	30.43	52	51	47	68			6	
3	2	6	48.2	E. by N.	North	4-6		3	30.42	52	51	47	67			5	-
4	2	7	50.9	.,		4-5			30.42							7	
5		3	53.2			54			30.43					b.c.		8	8
	3	0	56.7	6. h, 9.	J. &.	3-4			30.44							8	
1		3	61.0	96. h. 6.126		3			30.46							9	
	5		66.2	7	*	3			30.48							9	
			70.5	East	Jely E.	4			30.47						cum stras	4	
10			75.4	8. hy	North	4			30.50						,	6	
11	6		82.2	2.90	N. ly 94.	5			30.51							6	
Noon.			88.2		7"	5			30.51							6	
											1						

10 3 . 5 Distance by Log

Course and distance made good since preceding noon by observations, 6.46 /26

158 knots, tenths. 39 0 27 . 00 " 1.

Latitude by D. R. Longitude by D. R. Position at Noon :

61 0 50,00 " 26 39 025,00" 1. Latitude by observations of O 60040, 30 . 94

Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D.R. fim None Longitude by Observation 0

39041.00 " 1 58007,0000

39 035,00" 1 59026,45,04

Position at 8 P. M. { Latitude by D. l. from None (Longitude by Chemometer from J. M. Observation O

Error of the Compass by Azimuth O observed at , ship's head

variation used, 1.2000 , %

Deviation of the Compass by Azimuth O observed at

, ship's head

500 gallons.

Water expended during the preceding 24 hours,

during the preceding 24 hours,

2000

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

/ tons, 1960 lbs. 111 " 810 "

P. M.															
1	6	8	95.0	6.14 st.	1. by 04.	5	30.52 5	1 52	45	54	be.	cir.cum.	7	m.	
2	7	4	2.4			5	30.50 5	1 51	46	55			8		1
3	5	5	7.9		North	5	30.48 5	2 51	46	55		1.	8		ı
	5	5				5	30.48 5	2 51	46	55			8		ı
5	5	1	18.5		N. N. St.	4	30.48 5	2 51	47	55		cir.	6		ı
6	3	6	21.5		NA.	3	30.48 5	2 51	47	54		cum etrat	5		ı
7	3	4	24.9	•	- "	3	30.48 5	2 51	47	51			8		P
			282			3	30.48 5	2 51	47	52			8		
9	3	6	31.8	AU	Ch. Nel.	3	30.47 5	5 52	48	56			5	2.	
10	4	0	35.8		•	3	30.47 50	6 52	48	57			5		
11	4	6	40.4	•		4	30.47 5	6 52	48	57			4		
Mid,	4	1	44.5		91. by s.	4	30.46 5	7 52	48	57		1	4		
					6										

# Commander E. T. Strong Faturday, april A

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencer and until 4 a. On Prather fair. Overdeate been with fresh equally from N. by & to North Barmeter stoody. This under for topmark staypail, enigh respect from the school respect topsails and man trybal, rolling beauty at times to rough sea from to by E.

43 Lieutewant Or LON

Oum A to 8 a. Cm.

Clear. Fliff breyer from North, moderate to gentle breger from N.E. By the would part track. At 5.30 about out two reefs in topsails, reef in foreail set jit and spanker. At 6.30 about out anight reef in topsails and set topsails acide I soon of prevents bracer, left lines, etc. Lowwood smoker attack, took cour off manual and but gran of manual brodukts A.By swell.

astindale Ensign Q. J. D.

Oum 8 a. On. to Merid

bleav and pleasant. Overderate to stiff breey from NE, backing to A by H. By the world on pot tack till 90 clock when made course & by N. Dt 8.15 took in main trysail all it agains at 8.50 and took it in for repairs at 11.25 the manimal at 8.30 with single need and took it in again on account of smoth spige. Overderate awall from NE Destilling. Demperature of sea water diopped 11 degrees at Norm. Barometer nearly slowly.

L. m nound Ensign Os I. M.

From Oberied to 4 9.98. Clear and geleasant Itiff breeze from N by W to North Barmeter falling them steady. Involenate sea bleved my toggallant early, sleved my togsanle, untrut, and trust new togsanle, friet on the man them for setting the togsanle and toggallant early again at 1.30 at man and muyou togmast etaysails.

Lieutewant Ob. J. Ok.

From 4 to 8 PM. Dair to clear and pleasant. Moderate to gentle breeze from N. 494, and A. O. Baronte eterdy. Moderate era from N. 5. Thering corner & 14th, under jet forward, orain topsails main topsails main topsail and for topsallant sail. Manus trysail examber and all staysails at first. At 4.10 est for topsail and for topsallant sail. At 500 took in main trysails and epauler and est les clear of mainsails. At 6.40 took in and fluid topsallant sails: at 7.00 took in jet and main and mayon topmast staysails and

From 8 P. M. to Mid.

This under said alone, steering a concern. Rolling to long curll from N. H. to Ot by N. Barmeter steady.

Examined and found to be correct.

WBWhitelory Lieutenant On JON.

External Dr. J. Dr.

Rogers H. Galt Lieutenant & S. M. Narigator

LOG of the UNITED STATES Phip Essex. Third Rate, Making passage from Cheuport, R. S. to Southampton England.

		Pauling		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			lear ths.	Sea
Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balls.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe Se
56	3 4	48.9	& 1/4 Jr.	CH. J. Ch.	4			30.44	56	52	48	57	b.c.	cum simil.	5	2.
4	3	53.2			4			30.43	56	53	49	57			5	
3	6	56.8		West.	3			30.42	56	53	49	57			4	
2	7	59.6			3		1 16	30.40	56	53	49	57	O.C.		0	
2	2	61.8			2.3			30.38	56	54	50	65		-	0	
2	8	64.6		Ch. No.	3			30.37	56	54	50	67	b.c.	cum strat	2	
				NOL.	3			30.36	56	54	51	67	4		2	1.
					3			30.37	58	56	52	68			2	
	,			,,	2			30.36	60	58	53	68			5	
		1		Otest	2					1.				cir. cua	6	
		1.			1			30.36	61	62	57	68			4	1.
0	7	74.5			.1							1			4	
	5644322232311	4 4 4 3 3 6 2 7 2 2 8 3 2 2 9 3 · · 2 · · · · · ·	## Paint low:  4	# Parent COURSES STERRED by Standard Company # # # #8.9	Resulting   Courses STERRED by Standard Compass   Direction by Standard Compass   Direction by Standard Compass   Direction by Standard Compass   Standard Compass	Resulting   Part   COUNSES STERRED   Direction by Standard   \$\frac{1}{9} \)	Resulting   COURSES STEERED   Direction by Standard Compans   Section   Se	Reading   Fig.   COURSES STEERING   Direction by Standard Company   Fig.   Fi	Resulting   COURSES STEERED   Direction by Standard	Resulting   COURSES STEERED   Direction by Standard   \$\frac{1}{2} \]   \$\frac{1}{2} \]	Resulting   COURSES STEERED   Direction by Standard   \$\frac{1}{2} \frac{1}{2} \frac{1}{	Residence   Courses STERRED   Direction by Standard	Resulting   COURSES STERRED   Direction by Standard   Section   Section	Reading to STERRUS   Direction by Standard Company   Standard Compan	Reading   COURSES STEERING   Direction by Mandard Compans   Section   Sect	Reading   COURSES STEERING   Direction by Mandard Compans

88. 3 Distance by Log Course and distance made good since preceding noon by observations, & 72 6. 115 knots, tenths. (Latitude by D. R. Longitude by D. R. Position at Noon : Latitude by observations of O Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 A. M. Latitude by D. R. from Normal Longitude by Observation 0 Position at 8 P. M. {Latitude by D. W. from Nom! {Com. observation o Current during the time, / knots 8 tenths per hour, setting to the N 14° 6. E'4 n Error of the Compass by Azimuth O observed at 7.30000, ship's head Deviation of the Compass by Azimuth @ observed at 7.30.09, ship's head & TN

Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

40 004 00" N. 57055,000 91 390 41'00" N 58007100" 94. 40017 . 42" N 57.038.00 94 14019, 9%. variation used, 20 00 0 2041 6 variation used, 550 gallons.

1450 2 tons, /20 lbs. 109 " 690 "

39 052,00 md

58 . 28,00 " 04

									190								
	P. M.																
	1	1	0	75.1	6.14 N.	01.101.	1	30.31	62	63	57	68	b.c.	cum mint.	2	%.	
ı	2	2	5	Thould in		104.	2	30.29	61	62	56	68	0.0.9.		0		
	3	1	5		6 96/26	North	3						•		0		
	4	4	,	79.2	\$6. 46.	8.AE.	3.4						0.0.d.g.		0		
	5	2	4	81.6	East	Quiable.	2.4						0.0. N. g				
	6	0	0	Hauled in	Os eterageway	Calm	0						4		0		
	7	0	0		. 0 1		0								0		
						E. ly dr	1.3						b.o.p.g.		3		
	9	,	0	"	Genth N/2 E. Fruch	Ely 9.	2-3						ho.gr.		6		
	10	2	5		\$ 1/2 6.	East	2.3								4		
	11	3	0		\$ 12 94.	6. ly 9.	2-3						0.0.9.		0		
	Mid.	4	5	83.0	\$8. by \$.	18.	3.5								0		
					1				366								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 a. M. .

Pair to overcast and cloudy, clouding from Old . One dente Ot. A 304, and gentle Acetechy breezes. On concer & 14 h (pc), under food togenast staypail and agreen sail to togenate early wrather clew of mainsail. At 300 haulest up les clew of mainsail and aquaed away. This rolling to old Ity. evill.

RD. Listale Oneign Q. S. M.

From 4 to 8 a M.

Bloody and pleasant. Gentle to light breeze from Ch 18 th to 4 B. Baroneter nearly steady. On come & 14 N. under soil as in previous watch till 4.30, when set topgallant sails and wysle. Moderate swell from 18.

M. name

L. M. named Eneign O. J. M.

From & a. M. to Merid

Fair and pleasant. Light breeze to light aris from NO to Greek Mordenate swell from No Attening a course endow agrees each to regale (carept wather clew of maineail), and for trymach staysail. At 8:10 set main and myjen topmach staysails and took them in again at 8:45 At 9:30 took in less clew of maineail. Looked alliering trackles and unrove while reper in order to fit new fin in a cheave of lead. At 9:30 mustered at squarters and bommanding Officer migreted crew and cley Baranetu stady then falling. The emoke of a stancer in eight on first quarter.

I Leutewant On J. On.

From Pherid. to 4 990.

Cloudy to overcast light driggling rain last hour. Sight aim to mordinate breeze from Ch. A. Ch. at frist, gradually hauling to G. A. C. Branmeter fell slightly. Products surll from N. E., Stering course E 14 4. Inite 2.35 when Langer to E. F. E. By the winds on part tack last how. Phering adjust a grade sail (careel mainsail) and for topmast storypoil of first. At 1.00 made all sail eacept wrother clew of mountail and main trysail. B. Lety Ou. & ON.

From 4 to 8 P.M. Prather closely thereturning with passing rain equally Hind fitful, calon to warmable agnally. Barometer seing I ork in her close of manual at 50 close darks refus the toposals and anight refut the friends. At each of watch ship close banked on darboard tack. At y, 40 eighted a atlanus mast have light to the I M.

Withitelory & A. A.

Mrs Energy QL. J. Ok.

From 8 9. M. to Phil.

Dair to inverse and cloudy. Fight to quete brey from 6. by N. to 6. by S., until 11.35.

when shifted to 46, in module breys. By the world stackand tack until 8. 45 rolen worn ship,

brunging by the world put tack . At 9.00 set the main trypial. But one potent leg at 11.45 reading 81.6.

Photosate 4 64, everl. RASindale

Examined and found to be correct.

Roger Alfact Lientenant Q. J. W.

LOG of the UNITED STATES Phip Essex, Third Rate, Making passage from Phewport, Red. to Fouthampton, England.

<u> </u>			10	1 0	U					_				0			178
			Reading		WIND.				BAROMI	ETER.	TEM			State of	Forms of	Clear 10ths.	o Nea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	Stateofthe
A. M.	2.6	U													Prosent Control		
1	3	5	86.5	96.46.126.	16. h. V.	3-4		1	30.35	56	56	53	65	0.c.pd.	cum . minh	0	9
2	2	8		98. ly 6.	NE.	2-3		1	30.35	57	56	53	65	b.c.		3	
3	3	1	92.4	.,0	N6.46	3.4		1	30.35	57	56	54	65	b.o.w.		3	
4	3	3	95.7	6.86.	16. C.N.	3		1	30.35	57	56	54	65	b.c.		3	On.
5		4	99.1		NE.	3			30.35	58	57	54	65			4	
6	4	7	3.8	96. h 6.	6. NE.	3.4			30.35							4	
	3	6	7.4	98. 29.	6. h.s.	3			30.35							2	
8	,	1	8.5	991.69	9.56	1-2			30.36							1	
9	,	5	9.0	Inch	E. L. F.	1-2			30.36							3	8
10	,		Hauledie	9.98	6. ly N.	1-2		3	30.36							3	
11	,	0		9.4.8/28.	,	1-2			30.34		, ,				cum.	4	
Noon.	,			8.38	Porth	0-1			30.33		1 .	1 .				4	
									1			-				1:	-

57. 2 Dietam by org

Course and distance made good since preceding noon by observations, & 86 ° 6. 43 knots, (Latitude by D. R. Position at Noon: Latitude by observations of O Longitude by D. R. Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. from Money Longitude by Observationo 40016.00" N. Position at 8 P. M. { Latitude by D. R. from Norw. [Completed by Bhowmette from J. M. observation 0 56028.06.04

/ knots 2 tenths per hour, setting to the Jr // & Current during the time,

Error of the Compass by Azimuth O observed at 8.25 Mh, ship's head \$.19.12 91. Deviation of the Compass by Azimuth O observed at 250m, ship's head \$ 10.24. , ship's head

( Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth @ observed at , ship's head

Water expended during the preceding 24 hours, Water dutilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

39	050 106 " Nr.
	006,00,04.
The second second	016.51" St.
	· 59 · 00 " 94.
	· 54' 00" St.
	017,45,04

23030 . 84 3030.04.

variation used, 20000 , 04

400 gallons. 400 .. 22.50 "

2 tons, /720 lbs. 106 " 1210 "

1				1														
	P. M.																	1
1	1	0	0	Hauled in	The steerageway	f. fol.	04	1	30.32	63	62	58	66	be.	cum.	4	92.	-
				-			0-1	2	30.30	63	62	58	66		mint.	1		-
	The same of the sa					C4. AQ1.	1.2		30.29						"	0		-
-							1-3		30.28						ium.	0		
-	5	4	3	12.7			2.3		30.27						mint stead	. 0		
	6	4	3	17.0		1.191.	3		30.27							0		
				20.8			3		30.27									
				25.0			3		30.28							0		
				28.7		North Heet	3	55 5 15 Lab	30.28				1			0		
				32.0		North	3		30.28						1	0		
				34.4		J,	2.3		30.28							0		
				37.5		1.94.	3							0.c.d.		0		
										Miles	-		1					

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. In.

Orroset to cloudy with passing showed first bour Theatening clouds to Ed batter part. Gentle to moderate breeze from NE by N. to NE by E. Steady barometer By the wind on post tack till last how when make conser E. F. To chadge

Ensign & J.M.

Orm 4 to 8 a. Ow

From the to the work of the place of the property of the prope

J. N. Jordan, D. J. R.

From 5 a. M. to Merid.

Bloody bit peleasant dight aire to light brey from 6 by 8 and 6 by N. until alout 11 when it fill calm and then light aire from 9th exprang up By the world on port tack until 11.30 when braced round, by the would on estarband tack rest of west. Queter all said at fresh at 8.45 took in man toward and at 11 houlet draw git. At 11.30 took in expander. During dult have elifted foresail into Nangition Timien. At 9.30 must and magnetic at quarter, dilled divisioner per maine. At 10.45 had divisional instruction in gumusy for the apprentices.

From Pheriol to 4 P.M. Acather cloudy balow to light airs from F. F. M. increasing to gentle breys from P. N. O. and N. M. Baronete falling. at 1.30 took in main royal topgallant shit and clowed dawn the topsaid to repair the port topmart should. Earward of watch at eignely also compare instruction. At 3.30 earcrical both watcher of apprentices at gymnactics. At 2.31 eighted as steamer instruction at 3.30 earcrical both watcher of apprentices at gymnactics. At 2.31 eighted as steamer on the pool quarter. WBWhitelsey & Lewitewant 90 9.9.

Oum 4 to 8 O.m

Orecast and clody Gentle breys from N. a. to N. 48. On concer E. 96. Quinched repairing main topment negoning and made sail to coyate on the main (lacy) mainsail) at 5.00. At 5.00 carriers all hands refing toyeasts, fulling light sails making said again at 6.00, to topgalbant sails only engle reflet toyeasts. At 7.45 est main tryails and spanker, sound shifting to North for short while Oredesate Ny enrill. RA. Siscale

From 8 P. M. to Mid.

Overest and cloudy. Sentle been from A. to A orth. Iteraly barmeter. On once 6.4.6. under sail as in previous watch till 8.10 when trook in main trysail and expanser, elting their again at 9.30, and taking them in at 11.30 Lightung to Ed. Light dugger at end of watch Producte and from N. 6. Examined and found to be correct.

Roger H. Sket Q. J. M.

LOG of the UNITED STATES Phip Essex. Third Rate, Making passage from Phenogent, R. D. to Southampton, England.

	1		Reading		WIND.				BAROME	TER.	TEMI	ERAT	URE.	State of	Forms of	of Clear in 10ths.	e Sea.
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C	StateoftheSe
A. M. 1	37	7	41.5	6.46.	NG.	2.3			30.29	61	59	51	66	. O.C.	cur uniel	0	2
2	5	0	46.5			2.3			30.28	61	59	51	64			0	
3	5	4	51.9		N. ly 6.	3-4			30.28	58	58	54	54	0.c.d.	- 3	0	"
4	4	2	56.1		JV. VE.	3-4			30.28	56	56	54	53			0	-
5	3	4	59.5			3			30.30	54	55	53	54		-	0	2.
6	2		59.9		North	3			30.32	55	55	53	54	0.c.	mint etias	0	
7	2	0	61.5			1-2			30.32	56	56	54	53			0	
	3	5	61.5		J. N.E.	2.3		1/2	30.34	56	56	54	53	fy.		,	
9		5	64.0	96. 46.	NE.	2.3		1/2	30.35	56	56	54	53	0.6		0	
10	3		68.7	96/29.	16.66	3		1/2	30.36	56	5.6	54	52			0	
11	5	2	73.9		6.46	3-4		1	30.37						1000	0	
Noon.	1000	3	79.2	963/48		3-4			30.37							0	1

84. 9 Dietane by Sog

Course and distance made good since preceding noon by observations, \$\int 63^c 6

Latitude by D. R. Longitude by D. R.

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. from Nom Longitude by Observation O

Position at 8 P. M. Latitude by D. H. from Non-Longitude by Observation (P. M. c)

Current during the time, / knots & tenths per hour, setting to the 31°6

( Error of the Compass by Azimuth O observed at 80.9%., ship's head \$57-30 6 Deviation of the Compass by Azimuth O observed at a. , ship's head .. .. (Error of the Compass by Azimuth @ observed at 340 PM, ship's head 9. 183/46. Deviation of the Compass by Azimuth O observed at 3. 40Pm , ship's head , . . .

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

//O knots, tenths. 40 001 .00 " 1. 55 . 19 . 00 . 04

39 026,26" 1 54.50.57.01

400 12.00 " A 540 55,00 " 01

38 0 51 · 48 " Nr 54017.34" 91

18.00.04. 20006

variation used, 200 00 % 21000, %. variation used, 20000 %

1000,94. 400 gallons.

800 " 2600 1 tons, 560 lbs. 105 " 650 "

Р. М.											7					
1	5	3	84.5	\$6129.	16 by 6	4	1/2	36.37	56	58	55	52	b.c.	cis.cum.	5	9
2	5		90.1	98.149	- 0	4		30.36							6	
3	6	6	96.7	PE 3/49.	E.16.	5		30.36							7	
4	6	4	3.1	9.983/46.		5		30.3							7	
			10.1	9.96/26.		5	1/4	30.39	56	57	53	54		-	7	
6		8	15.9	9 ly 63/4 8.		5	1/4	30.39	57	57	53	62			6	
7	6	3	22.2	9 by 63/46	6. by N.	5	1/2	30.40	57	57	53	59		"	6	
8	4	8	27.0	98. by 9.		5		30.42						"	9	
	4		31.7	\$6.46	16. by E.	35	1/2	30.43	57	57	53	63	b.c.g.		8	Ou.
			36.7	98.ly &.	AE by N.	4-6		30.43							8	
	4		41.6	. /	NE by N.	4-6		30.44							6	4
Mid.	5	1	46.7	9626		3-5		30.45							9	
									1	1		3				

, U. S. Navy, , 1896 .

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until & a. On Moderate breys from NO4 to N. N.E. Barometer folling them steady. Moderate will from God.
Thereing a convex G. F.E., under topgathant early enight referred toposals, foresals, jet and for topusel stayeard. At 3.50 set many trysaal. Ftopped distribling at 3.00.

Lewtenant Q y. Or

Crum 4 to 8 a.On

blondy to orreact with druggling rain at first dight aim to gentle buy from It. N.E. and North Baronette rienig. I morth sea Filering a corner E. P.E. under soil to toggallant rails over anigh repealed at first. At 5.00 made all each except aparter and manuscil at 1.00 told in main time! 6 30 took in main tryears.

From 8 a. M. to Merid December 1 the the Chady but pleasant, with gentle to moderate breze from N6 to 6 16. Bacometer riving at 9.30 muchus over at quadre and variety as follows: Prode divisions; great gune and entering a feemed division; infurtry tactices. Therefore division; infurtry tactices. Therefore and entering and engage and engage and engage and engage and at 90 clock to 96. They by the unid on port tack during remainder of write.

Wiswhitely Switewart & F. Ch.

Fair and pleasant. Norderate and stiff been from 16 by 6. and 6.46 By the wind on port tack. At 3.45 handed out the expender and main trywail. Instructed apprentice of the watch are par nortine; of pours, knotting and explaining; 2nd penied, lead and log allowing fruit to die not under boter.

Enign Q 59

From 4 to 8 9 h. Clear and pleasant Stiff buy from E. No. to No E. by 6. Barometer neing Exercised at reafing topicals and fuling light-sails. Made sail to topgallow sails. At 6.30 took in man trypail and set marrial and topmast staysails. At 7.15 took in and fulled the trymast staysails and topgallows earle. Formorth sea. Eusign Q. F. Q.

From 8 9. M. to Mid. Clear and pleasant bewell to feel breen from NE. by E. to NE. by N. Barometer steady then vieing Moderate swell from Old Fleeing by the sound on you tack under equal sail to topgallout scile, jet for topment stayail and appeals.

Leutenant Ch. J. M.

Examined and found to be correct.

Rogers H. Galt Leutenant 94 994

LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Newyord, R. D. to Southampton, England

		-	Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop of Sky, in 18	State of the Se
A. M. 1	4	51	50.8	FE.ly E.	N6.	3		1/2	30.45	58	56	53	58	b.c.	cum atras	7	on.
2	3	0	53.8			3		1/2	30.44	58	56	53	58			7	
3	2	100	56.2	96.6866	NEly N.	2-3		1/2	30.44	58	56	53	58			7	
4	2		58.8	/	. 0	2.3		1/2	30.43	58	5.7	53	62			6	"
5	2		61.5	96/26.	116.	2-3		1	30.42	5-8	58	54	64			5	
6	2	8	643	96/29.	NE. ly 6.	3		1/2	30.43	60	58	55	66		,	5	"
7	4		68.6	96 h 9.	6.16.	3-4		1/2	30.45	61	59	55	66			5	
8	3	7	72.3	1		3		1/2	30.44	62	59	56	67			7	
9	4	13	76.6		6. by N.	2			30.45							4	-
10	3	4	80.0	9.96.	East	2			30.46						4	6	
11	,	0	81.0	St. N. 84.	N & . ly &	2			30.46				1			6	
Noon.	,		Harledin.	1.101.1291.		1			30.45							6	

103.8	Distance by Log.
Course an	d distance made good since preceding noon by observations, \$\( \frac{\dagger}{6} \).
	(Latitude by D. R.
	Latitude by D. R.  Longitude by D. R.  Latitude by observations of ♥
Position a	t Noon : { Latitude by observations of ©
	Longitude by chronometer from Forenoon Observations of ⊙
Position a	t 8 A. M. Latitude by D. R. Jam Norm  Longitude by Observation 0
	(Lesignate by V V Correctors of
Position a	t 8 P. M. { Latitude by D. R. from Arm.   Longitude by Chenemette from P.M. observation o uring the time. \$\frac{1}{5}\$ knots tenths per hour, setting to the \$\frac{442}{5}\$.
	(Longitude by Grammeter from O. W. Velevating
Current di	uring the time. 75 knots tenths per hour, setting to the 9426
Error of the	he Compass by Azimuth O observed at 80.9%., ship's head \$58.30.9%.
Deviation	of the Compass by Azimuth O observed at &A.W. , ship's head
Error of th	he Compass by Azimuth O observed at HP.M., ship's head A 32 28.
Deviation	of the Compass by Azimuth o observed at HP. M., ship's head
	pended during the preceding 24 hours,
Water	during the preceding 24 hours,
Water rem	naining on hand fit for use at Noon,
Coal consu	amed during the preceding 24 hours,

10 / k	nots,	tenths.
38	0 26	00 " Jr.
53	009	00 "94
		00
		35 " (94
		44"N
		07"%.
		00 " N
		06" 24.
	,	

9000 . 04.	
1000 8	variation used, 20 00 0
1049.94.	
10\$9.0%.	variation used, 20000
400 gallons.	

	2200	"
	tons,800	lbs.
104	1 . 2090	"

																	I
P. M.									1300								
1	0	5	Hauledin	1.494.	N6. ly 6.	0-1	5	30.43	64	64	58	67	f.c.	circum.	4	9	
				Aly 91/2 04.	N6. ly E.	0-1		30.41							4		
						0-1		30.37									
				N. C. Ly S.	Variable	0-1		30.37									
				6.16.	sol.	0-1	200	30.37									
	1			,,		1		30.39						cum mint			
					9.49.	1-0		30.38						1	3		-
				-0		1-0		30.39						13.00	3		
9	0	5		E by N.	JU 91.	1-0							b.a.m.		9	9	
				G. by A	01.191.	1-0		30.36							8		
11	3	3	8/.0	2.09	01.901.	1-2	The state of the same	30.34							6		
			84.1		901.	2		30.34							5		
1			04.					0007	0 2	6,							

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a lm.

Clear and pleasant, bright starlight, smooth are Light to
gentle brew fem NE. and NE. by N. Barometer fell elightly. By the wind on for tack
ander said to topsails.

Logarity at a land of the commencer of the starting of the said 
Onem 4 to 8 0.00.

One ather fair Sight to gentle brew from ME to E. N.E. Barmete viring.

At 4.30 took in the examber. At 5 clerk made all sail earest main trypail and expanded.

This clar hauled on port tack. Sing evill from G. N.E.

Wis whiteley

""" Leintenant R & R.

From 8 a.M. to Merid. Fair and pleasant Light breyes and airs from 6 N.E. East and N.E. by 6.
By the would on part tack until 9.45, then manor roung ship for earner until 10.20, brunging by the would on statement tack and exactly make trying and eparker, the latter for a spail of the writer, 945 to 11.15. At 9.30 muttered at quarter During 19 prival earnered over tacking and wrawing. During 20th prival inspected and aired briding Schooly world.

A Findle Casign at the

From Meint. to 4 99m.

Pair and pleasant balon to light airs from No. by & and variable.
By the winds on starbond tack under said as in previous watch till 1.30, when hauled down for tymach staypail and at 2.30 the major topmash staypail. & negative to divisione haumand nettings. Apprentices seving and mending. I send clothing and small store to divisione.

I mooth ara:

From 4 to 8 PM.

Clear and pleasant. balm and light aire fun N. to Ch. N. Barenetic etady.

Sing well from Ed. Floring a course 6. Vi E. under aquare sail to regale tacipt wrather clear of manual At 5.30 exercised in shortening, fulling receiving, and making earl. Lift the regale fulled and flying jet stowed. At 5.30 ext all the stayearls; at 6.10 took in main and mujgue topman stayearle.

Our & G. M. to Orid.

Colean to cloudy and hazy. Calm to light aris from Not and Vid first half
shifting to I do and, I to leat half and settling down to a light being from I'M. last how.
Baronter falling. Involt pear. Changed concer at 8 to E. by it had steered it west of watch.

Quader sail to toppgallant carles except wather clour of maineal, man topail and spanker.

At 11. 45 all man topmark staysoil.

Examined and found to be correct.

Roger S. Galt & & M. Norrigation

Third Rate,

LOG of the UNITED STATES Ship Essex. The Making passage from Newport R. S. to Fouthampton England.

-	ī	T			WIND.				BAROME	ETER.	TEM	PERAT	TURE.			par.	3
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
A. M.	13	J- 2	88.2	E. ly J	<b>99.</b>	2-3			30.29	63	61	58	64	f.c.	cir.	6	9
2			93.8	9		4			30.27							4	,
			99.2			4			30.25	63	61	58	63	0.0.		0	m.
			104.7			4			30.23					- 1		0	,,
5	5	8	10.5		991. ly 9.	4			30.22					0.0.1.		0	"
6	5	6	16.1			4			30.21	63	63	61	63			0	-
7	6	0	22.1		"	4			30.20	64	63	61	64	0.0.		a	
8	6	7	28.8			4-5	-		30.19	64	63	62	64	"		0	
9	7	7	36.5			5			30.17	66	65	63	65	b.c.		3	
10	7	0	43.5			5			30.14	66	65	63	65			2	
11	7	1	50.6			5			30.12	66	65	63	65			1	
Noon.	5	8	56.4		501. by 91.	5			30.10	66	66	64	68			2	

85.8 Distance by Sog Course and distance made good since preceding noon by observations, Ju 50° 6 105 knots, tenths. 39017.18 " 1. Latitude by D. R. 51018,36,24. Longitude by D. R. 39 0 43, 45 " N. Latitude by observations of O 51012,42,01 Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. fund Normal Longitude by Observation 0 Position at 8 P. M. (Latitude by D. B. Jum) Nom (Longitude by Chem mute Jum 9 m. obsernting 0 Current during the time, / knots / tenths per hour, setting to the Jr 10 26 | Error of the Compass by Azimuth O observed at 80 90. , ship's head 4866 Deviation of the Compass by Azimuth @ observed at & a.m. , ship's head " ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth © observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

39004100 " 86. 51045, 42" 04. 39 0 57 . 00 11 1 49058,0000 24000,04, variation used, 20000 % 4000.6 370 gallons.

1830 tons, -104 " 2090 "

															13		а
P. M.																	1
1	5	8	62.2	East	1.19.	5		30.08	66	66	64	68	0.c.d	cum unil	. 6	m.	ı
			68.2		North	5											1
			75.6	6. ly 9.		5		30.06	64	64	62	67	b.c.		4	1.	1
			83.1	.0	Aly E.	5-6											ı
			91.1	& \$6.3/4 &.	1.16.	5.7	1/2	30.07	61	62	60	67	bo.g.	strat	2		İ
			96.0	E. ly 9.		5.6											1
			101.2	6 /2 g.		5.7							0.0.9.		0		ļ
			7.0	East	N by E.	5.7											ı
			10.5		N by &.	4-7							b.c.g.			a	ı
			15.7	8. ly 4.	JI. NE	5.7								100	4		ı
			21.3	€.9€.3/4 €.	, -	5.7							-		4		ı
			27.2	€.98/26.		5.7		30.11							4		
		/	,					1									ı

, U. S. Navy,

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a M. Ob eather fair clouding own during watch Light to mode at bruy from 9 W. to F. F. & Darronter falling. At 130 het main and mugger topmach stangable at enter of watch ship under all sail to top gallant sails racept wrother cleve of moursail, main trysail and spanker.

Wishkuley

Drom A to 8 a. M. Senerally orwead and cloudy Sight passing chooses first two hour Moderate 901. by The bruses On contra 6. by A. (go.) Fit the royals at 6 30. Phoduate Southerly well. b. Though (26.3. cl.) placed a quarter deck in bread and water from all hands to 8 P.M. by order of Commanding Office, for amoking.

As Tiles

Dum 8 a. M. to Orend.

Oncomer & by M. indu and pleasant Fiff breeze from 99 by 9 to 99 by 9. Falling burnatur.

Oncomer & by M. under and ar in greener writel. Mortuate Foly surel. Had quarter at 9 so and executed apprentices as follows: 14 division, mall arms: 2nd division, pistole: 3nd division, emall arms:

Omber division, great gum. Inspected bage, 2nd period.

L. M. Name.

Exergin & S. A.

From Precide to 4 PM.

Cloudy weather, light driggling nain frict part of watch, clearing latter part.

Stiff to freek brey from A AB to N by 6. Barmeter falling them recing From early from Ed. Freeing a conce 6 by 4. under agree sail to honele (carept weather clear of manuscie) and etayealle A11220 took in the clear of mainsail, main and migen toyenest stayearly. A1.100, by order of Commonding Office, changed conce to East. Fet mainsail as wind harbed forward. Olubrub jul and brut, me, atting new jul at 3.00. Cleared up regels at 1.00 to a agree atting them again at 1.30. Earraid at new jul and away all brote; at agrees, and bruding wyse to meggen toyearl yard.

From 4 to 80.90.

Colondy and aqually Stiff to first breeze from 4 by E. and A. A. E. Phroducate ara.

By the wind on gent tack under plane pail to regal except aparter and flying jet at 4.10

tok in regals. At 5.00 called all hand much shortened sail to angle reefed topicals, and single reefed topicals and single reefed enview. Comme to be made Each until 7, when changed to 6 to N

From 8 P. M. to Mid.

Otracker fair, claude backer passing over from N. A. E. Fiff breyer to mordenate gater in aqualle from N. E. to N. N. E. Barometer steady. At 8.30 took in the jet. By the wind on first tack. Got up presenter braces.

WBW levelskey.

Seintenant W. S. O.

Examined and found to be correct.

Roger Healt Sex Harigaton

Leitenhut Q & 9.

of the United States Thip Essex, Third Rate, Making passage from Greuport, R. J. to Fouthampton, England Direction by Standar Compass. A. M. 70 6.96. 1 30.09 55 55 54 65 b.c.g. cum unit 5 %. J. J. 6. 5.6 33.5 6 & 129 & 3/49 North 6.7 1 30.10 55 55 54 65 39.6 6 6-7 1 30.10 54 54 53 65 45.0 6.7 1 30.11 54 54 52 62 51.0 Aly 6. 0.0.9 56.7 East 6.7 1 30.13 53 53 51 62 5 6/29 5-6 1 30.14 53 53 51 63 5 5 62.2 1/2 30.16 52 52 50 60 b.c. 9. 68.3 6.7 6149 74.7 6-7 12 30.17 51 52 50 60 0 .. 6 4 0.0.9. 6/2 N 8/2 9. 1/2 30.19 50 51 49 59 5.7 o.c.g.d. 3 5.6 1/2 30.19 52 53 51 58 0.0.9. 5 5 86.5 63/4 € 1/2 30.18 52 54 51 58 J.NE. 5-6 o PM 50 91.5 \$6.6 6 3/46. 16. by 1. 12 30.17 53 54 51 57 b.o.g. 98.0 4.5 Noon. 6 6

141. 6 Distance	e bu fra		
Course and distance	the made good since preceding noon by observations, \$882 6.	180 knots, tenths.	
	(Latitude by D. R.	39 .59 .00 "N. 48 . 10 . 00 " 94.	
	Longitude by D. R.		
Position at Noon:	Latitude by observations of O	39 0 39 17 " 1.	
	Longitude by chronometer from Forenoon Observations of ⊙	47 0 13 , 20 " W. 39 0 55, 57" Nr.	
	( Latitude by D. R. find Nom	39 055, 57" Nr.	
Position at 8 A. M.	Latitude by D. B. find Nome Longitude by D. B. firm Nome	48044.18"94.	
	(Latitude by D. R. fino Som .	39 . 39 . 58 " 1	
Position at 8 P. M.	Latitude by D. R. form Arm .  (Longitude by Cheamitte from P. Observation o	39 . 39 . 58 " N 46 . 04 . 39 " %.	
Current during the	time, & knots tenths per hour, setting to the \$66° &		1:
Error of the Compa	ass by Azimuth O observed at , ship's head	0 ,	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation us	ed, °
Error of the Compa	ass by Azimuth O observed at , ship's head		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o , variation us	sed, o
Water expended du	ring the preceding 24 hours,	300 gallons.	
Water	during the preceding 24 hours,	"	
Water remaining o	n hand fit for use at Noon,	1500 "	
Coal consumed dur	ing the preceding 24 hours,	tons, 800 lbs.	
Coal remaining on	hand at Noon,	104 1290	

P. M.																1
1	7	8	5.8	€.\$€.	NE. by N.	5-6	1/2	30.16	53	55	52	59	b.c.g.	cum ariel	3	92
2	6	7	12.5	6.96/26.	NE. by N.	5-6		30.15							4	,
	7		19.5			5.6	1/2	30.15	54	54	51	59				
4	7	0	26.5			5-6	1/2	30.15	54	64	51	58		cir.	3	
5	7	5	34.0			4.5	1/2	30.15	52	53	50	58		cir.	6	1.
6	j	2	41.2		N.NE.	4-5	1/2	30.16	52	53	50	58			4	.,
7	5	8	47.0	East		4-6	1	30.16	52	53	50	57			2	
8	4	5	51.5	8. by A	A by OL.	4-6	1	36.18	52	52	49	57			8	
9	4	8	56.3	8. 98/26		4-6	1	30.19	52	52	49	58	b.o.g.d.		8	
10	3	3	59.6	E.18.		4.6	1	36.19	53	53	50	51	b.c. g.		3	-
11	4	7	64.3			4-6							0.0 g.d. /p.		0	
			69.6	East.		4-8							b.c. q. p.		1	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 40.9 Pair to closely, generally clear writered closed morning to 96d, from the North house. Stiff to arry field begue it aqually from N.N.E. to North By the unid, gent tack, under enigh neefed togethe and course and for topmast stayeal.

Mordenate Corthaly sea and swell; ship rolling some to lesward.

R.S. Tio Lale Or Sindale Ousign U.S.Or Oum 4 to 8 a. In Overcast and cloudy Freeh breeze increasing in fore in aqualle from N. 6. by 5. Being baroneter. By the wind on part tack under eingle reefed concer and topsails and for topmast staysail. At 4.30 cleved down main topsail and hauled out lee reef raining. Morderate to mugh sea from North J. mº Name Ensign Qu. S.M. From 8 a. On to Cherid Ornal of the M. to below. Cloudy light driggling shown fuct part of watch cleaning latter part. Itiff breze with freek equally filed fact of watch deceasing to a moderate breze latter part. Barmetic steady them falling. Imag sunt from Ed., with moderate cross see from NE Feering by the wood on port tack under some said sa in generate article of 9.00 shock out all acefs eacefs in mameral, set topgallant sails, jet, main and migher topmast staysails. At 9.40 impected at quarties and afterwards earweied at beweit quarter without firing. Exercise apprentices at eignals. From Mend to + P.M. Chridy and equally Itiff to freek breeze from A.E. by M. Morderate era. Bur meter fell alightly. By the unid on prob took under plane sail to top gallout saile, and main and migher top mark staypaile. Once to be made & 12 N, until 1.30 when changed to E.N. E. 12.6. Leutenger ON. J. R. From 4 to 8 P.M Pheather cloudy Phroducate to fresh breeze in equally from I No. to North Baroneter nining At 5.15 earhered at First constitue and stating for abandoning chip. At 6.30 tork in topgalland carle and at y, took a single neef in the topsails. This by the wind on part tack. WBW hittelsey From 8 P. M. to Mid. blody vain last how. Moderate to fresh breeze in equally from it by the abifting to it is to the No. during past of last how, then coming out in old during gradually and freshering to a moderate gale. By the wind yet show ab 11 took in mane and origin topheast stagonile to aqually wrather to broth at 11 took in and stored jet and equaler. Products to the by each and ewill. Squally to No. at end of watch. Ch. Goode Energy Q. Sa. Examined and found to be correct.

> Rogers A. Galf Levituout Q. F. R.

LOG of the UNITED STATES Thip Essea Phild Rate, Making passage from Chewport, R.D. to Fruthampton, England.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.	State of	Forms of	of Clear in 10ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bailb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds. by symbols.	Prop of C	Stateofthe
A. M.	716		76.3	6. ly 4.	N.NE.	5.7		1/2	30.18	53	53	50	58	0.0.9.10	cum ainl	0	9n
			83.5	96. 6/26	NG.	6.7		1/2	30.18	53	53	51	59	.,			
			90.2	6.9 6 146.	NE. by 4.	6-8		1/2	30.18	53	53	51	60		1	0	
			965		. (	6.7		1/2	30.19	54	53	51	60			0	a
			100.7	6.96.		6-8		2	30.22	54	54	51	60	b.c.g.	12.23	1	
		7		96. h, 6/26.		6-8		1	30.23	55	54	51	61			2	
	4		10.3	1		6-8		1	30.24	55	55	52	61			1	
		-	14.6	96.46.	NE.	6-7		1	30.26	56	55	52	64			2	
			16.8	6.96.	16. ly 1.	6		1	30.28	56	55	52	64			4	
			17.7	E. ly 9.	1	5		2	30.30	56	55	52	64	1 .		4	1.
		5	18.3	€. \$€.		4			36.32							6	
			19.2			3-4			30.32							6	1

122 2 Dietaun by Log

Course and distance	e made good since preceding noon by observations, 18826.	125	knots,	tenths.
	(Latitude by D. R.	39	044	12 " Sr
	Longitude by D. R.	44	046,	00 " %.
Position at Noon:	Latitude by observations of ②	39	043	21 " 1.
	Longitude by chronometer from Forenoon Observations of ⊙			37 " %.
	(Latitude by D. R. Sum Som			00 " Sr.
Position at 8 A. M.	Latitude by D. R. fum Som  Longitude by Essuatin 0	44	025 1	07 " 24.
	( Latitude by A. R. Land Nome	39	0 41'	07 " 21.
Position at 8 P. M.	Latitude by D. R. from Now			13" 01

Current during the time, knots 7 tenths per hour, setting to the \$\lambda \text{187-6}\$.

Server of the Compass by Azimuth © observed at \$2.00\text{Ph}, ship's head \$\lambda 30.00\text{94}\$. Deviation of the Compass by Azimuth O observed at 3.2009, ship's head ... ( Error of the Compass by Azimuth O observed at , ship's head

variation used 24000 19 1000.96.

variation used, o

Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours,

450 gallons. during the preceding 24 hours,

1050 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons, — lbs. 104 " 1290 " Coal remaining on hand at Noon,

																-	ш
P. M.																	ı
1	3	2	22.4	\$6.	16. ly 8.	2-4	1	30.29	58	60	55	64	b.c.	cir.cum.	5	m.	
2	3	2	25.6	996/26	E. ly A.	2-4		30.28							4		ı
3	1	7	27.3	1.19.	NE. ly &.	2.3		30.27							4		
			Houled in	A.A91/294.	NE.	1-2		30.26							5		
				1191. ly 1.		1.0		30.27									l
				101:1201.		1		30.27								1 3500	ı
7	0	2	-	191.		1-0		30.28								100000	
8	0	5		96. ly 6.		1-0							b.c.m.				i
9	0	6	-	16.48/26	1.12.	1		30.30									i
10	0	0			sight misteau	0-1		30.29									
11	0	0		no etelraguray	Light raiste aus	0-1		30.28									ı
		5		16. ly E.	f.901.	2		30.25								100000	
						The same of the			1							10000	

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and with 4 a. M. Quicash, cloudy, and equally, passing above. Fifty and fresh breezes from N. 16 to 16, increasing in force in applies to moderate gate in second bour. But the wind me port tack under single refet topsails engle refet maineast foresail and for topmast stayers. At 3.35 set main timesil and called all hands. At end of watch ingaged in taking as seend ref in topsails and refet concer Strady favoration. Obsides to rough era muning with the wind.

From 4 to 8 a. On.

Dernach and cloudy friet part of watch, cleaning latter part Freel heavy with heavy aqualle from No. by N to NO. 13 avonate vicing Rough da, ship welling deeply at time. Iteling by the world m food tack under doubt reefed topsails, swigts welled forcial, for topmach staypall and man trypail.

In Leutenant a & a.

From 8 a. M. to Mend:

lalondy to fair. Fresh buy at fuit gradually falling to gentle been from

N. E. by N. Baurouetu richng. Rough to moduate sea from N. E. By the hind on for the under for topmast etayeard, emple respect from the regist for and main topsaile and
main topsail. 24.9. fuled mainsail; at 10, set spanker. Engaged cleaning ship. Come to

be made N. E. by E.

From Phenol. to 4 99.

Preather fair Mordenate beege to light and from & by to No. Barometer falling. at 12.15 shorts on the reefe and made plain earl to topsaile . I rok off preveter brace. at 1.50 set topgallant early main and mujgen topment stayenes. at 20 clock now aligh. at 3.20 hauled in patell log registering 27.9.

Will birthey

From 4 to 8 9 M. Dair to cloudy bodow and light airs from NE and variable with two prints on either eider blands morning from N 94. By the wind starboard tack with 630 when were ship harding by the wind, part tack Barely otheraginary. At 5.00 took in spanker, at 7.15 the toppasseurs acute and at 7.40 the onale and miggle topmass striping. Northely everl.

RA. Sishale

From 8 8 9 %. to Quid.

Glordy and hazy Fight waisable airs and light leeve from 9.5 9. mean end of water at 11.30 broked sarmed and hauled up wrather clar of manisoned. Baroneter falling. Smooth sear.

L. M. " Name. Consegn Qu. S. G. Consegn Qu. S. G. Consegn Qu. S. G. Consegn Qu. S. G.

Examined and found to be correct.

Rague Styll

Trentenant Q. F. C.

			10	1 0							-		1	1			
	1		Reading		WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	Clear 10ths.	e-Sea.
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bull.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of 8 8ky, in 1	StateoftheSe
A. M.		5	Haveled in	ME.ly E.	99. h. g.	2.3			30.22	59	57	52	64	b.c.d.	cur acid	2	On
			31.2	.7	fail	3-4			30.20	59	57	52	64			0	
	i	1	35.3		OL 901.	3-4			30.17							3	
			40.8		901.	4-5			30.15							0	
			45.9		Or. 901.	4			30.12								
			52.4		991. ly 94.	5-6			30.10								-
					1	6-7			30.06							0	
			68.2			2000			30.02								æ.
				6.16		68			29.99					0.0.9.1			
9			77.5	6.00		6-8		480	29.96								
10	8	2	94.0	East	£91.				29.88							1	
11	4		94.5	9 6. by 9.		7-9		1							1	0	
Noon.	1	0	98.7	J 6. My J.		0-10			29.85	7	1	-/	1			1	
		2 (	Viitam lu	C		+		-	-	-			1	1	1	-	-

80. 4 Distance by drg.	
Jin of the state o	87 knots, 3 tenths.
(Latitude by D. R.	40 . 19 . 00 " N 43 . 19 . 00 " EV
Longitude by D. R.	43 . 19 . 00 " 84
Position at Noon: Latitude by observations of O	ewatin o ' "
Longitude by chronometer from Forenoon Observations of $\odot$	o observation "
(Latitude by D. K.	40 0 18 1 14 " N.
Position at 8 A. M. Longitude by D. R.	43 049.00 "94.
Position at 8 P. M. Latitude by D. R.	40 06,00 " 1.
Position at 8 P. M. Longitude by Chermaneter from P. 9. Observation 0	42 053 100 " .
Current during the time, knots tenths per hour, setting to the	
(Error of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
∫ Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth O observed at , ship's head	o ' variation used, o
Water expended during the preceding 24 hours,	300 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	750 "
Coal consumed during the preceding 24 hours,	tons, 1800 lbs.
Coal remaining on hand at Noon,	103 1730
	Management of the second of the contract of th

M.																	
			1														1
1	1	0	Hauled in	9.86.	04.904.	8-10	6	29.78	62	58	56	62	0.c.q.r.	cum. wash	0	R	1
				9. ly 8.		8-10											
				I on ly or.	191.	8-9										1	
				er . Fer .		8-10											
5	1	2				8-10								1			
				,		8-10											ı
																	ı
8	1	2															ı
9	2	0													4		ı
														10.242	4		ı
																	1
				91. ln 9	Not. by A	1.											
				1	7			1.1-									
1 1 1	3 1 5 5 6 7 8 8 9 0 1	3	3 / 5 4 / 0 5 / 2 6 / 2 7 / 2 8 / 2 0 2 0 1 2 0	2 1 5 3 1 5 4 1 0 5 1 2 6 1 2 6 1 2 7 2 7 2 2 0 7 2 0 2 0 7 2 0 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0 8 2 0	1 1 5 \$9.00 m	1 1 5	\$ 1 5	\$ 1 5 \$ 9.0 kg v \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\$ 1 5 \$9.66 90. \$0.0 \$-9 6 29.76 \$ 1 0 \$4.50 \$ 10 \$10 4 29.80 \$ 10 8 29.80 \$ 12 \$8-10 8 29.80 \$ 12 \$8-10 8 29.80 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 12 \$11 8 29.98 \$ 13 \$11 8 29.98 \$ 14 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 15 \$11 8 29.98 \$ 16 \$11 8 29.98 \$ 17 \$11 8 29.98 \$ 18 \$11 8 29.98 \$ 18 \$11 8 29.98 \$ 10 \$11 8 29.98 \$	\$ 1 5 \$9.60 91. \$00. \$-9 6 29.76 58 \$ 1 0 \$2.80 56 \$ 1 2 \$8.10 \$29.80 56 \$ 1 2 \$8.10 \$29.85 54 \$ 1 2 \$8.10 \$29.85 54 \$ 1 2 \$8.10 \$29.85 54 \$ 1 2 \$8.10 \$29.85 54 \$ 2 \$8.10 \$29.85 54 \$ 2 \$8.10 \$29.85 54 \$ 2 \$8.10 \$29.85 54 \$ 2 \$8.10 \$29.94 55 \$ 2 0 \$7.10 629.94 50	$3 \ 1 \ 5 \ \ 99. \ \ \ \ \ \ \ \ \ \ \ \ \ \$	\$ 1 5 \$9.60 0 \$0.0 \$-9 6 29.76 58 57 54 \$ 1 0 \$4.50 \$8-10 4 29.80 56 55 52 \$ 1 2 \$8-10 8 29.85 56 54 49 \$ 1 2 \$8-10 8 29.85 54 63 48 \$ 1 2 \$8-10 8 29.85 54 53 48 \$ 1 2 \$8-10 8 29.85 54 53 48 \$ 1 2 \$8-10 8 29.85 54 53 48 \$ 1 2 \$8-10 8 29.85 53 52 47 \$ 1 2 \$8-10 6 29.94 50 49.46 \$ 1 2 0 \$7-10 6 29.94 50 49.46	\$ 1 5 \$9.60 0 \$0.0. \$ -9 6 29.76 58 57 54 63 \$ -10 \$2.80 55 52 63 \$ -10 \$ 29.80 55 55 52 63 \$ -10 \$ 29.85 55 54 49 63 \$ -10 \$ 29.85 55 54 76 62 \$ -10 \$ 29.85 55 47 62 \$ -10 \$ 29.92 52 51 47 62 \$ -10 \$ 29.92 52 51 47 62 \$ -10 \$ 29.92 52 51 47 62 \$ -10 \$ 29.94 50 49.46 62 \$ -10 \$ 29.94 50 49.46 62 \$ -10 \$ 29.94 50 49.46 62	1 5 Felly a 8-9 6 29 76 58 57 34 63 b.o.g. 10 0 4 50 k 8-10 4 29.80 56 55 52 63 8-10 8 29.83 56 54 49 63 8-10 8 29.85 54 63 48 63 8-10 8 29.85 54 63 48 63 8-10 8 29.85 54 63 48 63 8-10 8 29.85 51 63 48 63 8-10 8 29.85 51 51 62 broady. 8-10 8 29.95 51 50 47 62 broady. 8-10 6 29.94 50 49 446 62 8-11 62 6.94 50 49 446 62	\$ 1 5 Felly a 8-9 6 29 76 58 57 34 63 b.o.g \$ 10 4 50 b 8-10 4 29.80 56 55 52 63 \$ 10 8 10 8 29.83 55 54 49 63 \$ 12 8-10 8 29.85 54 63 48 63 \$ 12 8-10 8 29.85 54 63 48 63 \$ 12 8-10 8 29.85 53 52 47 62 \$ 12 8-11 8 29.92 53 52 47 62 \$ 12 8-11 62 29.92 51 47 62 body \$ 12 0 9-10 6 29.94 50 4946 62 \$ 12 0 9-10 6 29.94 50 4946 62	1 5 Felly a. Mr. 8-9 6 29 16 58 57 34 63 b.o.g 7 1 1 0 456 b 8-10 4 29.80 56 55 52 63 5 1 2 8-10 8 29.85 55 54 49 63 4 1 2 8-10 8 29.85 54 63 48 63 4 1 2 8-10 8 29.85 53 52 47 62 4 1 2 8-10 8 29.85 53 52 47 62 4 1 2 8-10 8 29.95 53 52 47 62 4 1 2 8-10 6 29.95 50 47 62 bodg 4 1 2 0 9-10 6 29.94 50 4946 62 4 1 2 0 9-10 6 29.94 50 4946 62 4	1 5 Felly W. N. 8-9 6 29 76 58 57 34 63 b.o.g 7 8-10 4 29.80 56 55 52 63 5 4 8-10 8 29.83 55 54 49 63 4 4 2.80 8 29.85 54 63 48 63 4 8-10 8 29.85 55 63 48 63 4 8-10 8 29.85 55 63 48 63 4 3 8-10 8 29.85 53 52 47 62 3 8-10 8 29.85 53 52 47 62 3 8-10 8 29.95 53 52 47 62 4 3 8-10 6 29.95 53 47 62 brodg 4

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a. 9n.
Cloudy wrather light driggling name first sport of watch.
Light to stiff beeze from II b. 9. I to 0. 90 "B armets. Falling Moderate are from Vid and 50 . Thering a course N. 6. by 6 under topeasts, forwards wrather clear of single reefed manisait, fit and fore topmast staysail. At 1.00 pert one patent log reaching 29.3.

Dentenant & J. A.

Ormal with insassimal light passing aboves Throderate been from 499.

aroung to I & and back to 9. Il. first how extif breen increasing to rough fresh been from 9. It by the cest of watch. Thoderate was at first increasing to rough was last how. Baronthe falling rapidly Plinder jet for topmast staypall forward for and main topsails and starboard clew of mainsail at first at 445 took in manuscular for topmast staypail and set the toppallant carle. By order of the Commanding Officer. Thousand applicate as for the Commanding Officer. Thousand applied down this Phi, officer sucking Themas at 16. It to remain with hausened to Ext.

The superior of the control of the sucking themas once No fig. Existe 18. When changed to Ext.

The superior of the Open 18. It is the sucking themas once No fig. Existence of the Startenant I I I are the Orion 8 a the to Open 18.

Cheather vorcast and cloudy, with heavy rain aqualle. Theel breeze necessing to strong gale from FCh by the 5th Bavornete falling hapidly. At 84.45 took in topgallow early ad go clour tree the refer in topeable and acquilled and forest in friend, set for topmast stay and houled down the fit. At 10.55 changest course to East. At 11.15 chan refer the topeable, took in for topiable and foresal and bay the ship to on starboard tack under fore atoms stayant cleve neigh main topsail main tryinal and town miggin, coming up to F. S. E and felling off to FE. This welling to sough see from FC.

From Meid to 4 P.M. Derread cloudy and rain first part of watch, four latter part . Berdente to whole gales in equally from M. Ph. shifting questly to N.D. at 2.15 in rain agnetly, modulating that how but feeleung last how. Barmeter felling until 2.00 when began to new. Sying to a stinbraid track. One clauge in sail to easy exchan C.D. The thick ship willing depty until change of what to N.D. when hope came up head to see afterwards ship yitching and willing thated free until briles B. at 2 o close for detilling thing it on starbraid low after 2.

From 4 to 8 P.OM.

Slowly light druggle at end of watch Orodante getes to gete in aqualle from & Figuelle recessaring to heavy gater last home. Bough and bother even from & H with even area recens meaning with the wind. This willing and futching racely bying to metanbrand tack under said as in querious watch. Basanter rising. Dictilling.

Frank & P. D. to Bild.

Cloud, wrather pressing shower, occasemally breaking away Freed bress to module get with heavy equally from N & to N B. by N. Laying to me stanbound tack under fore stown stayant, fort of main typical, stown magrin and cloud refer main typical. This wolling and pitching despity at times with heavy will from Ta. and emal wine sea from NA. Barmeter messing their strady.

Bramined and found to be correct.

Hogen 149 at Sentemant & Sente

LOG of the UNITED STATES Ship Essex. Third Rate, Making passage from Chewport R. D. to Sinthampton, England.

			1	0 0	U			-				-		- 0			233
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	6%0
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Buib.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds. by symbols.	Prop of Sky, in 1	Stateofth
A. M.		100	Landedin	. Q1.994.	Av. Ot. by N.	7-10		6	29.94	51	50	46	62	b.c.q.p.	cum umb	3	C./R
		5		Ch. by I.	.1	7-10		6	29.94	51	50	46	62			3	
		5		1		7-11		6	29.94							4	
		5				7-11		6								4	
	1					8-11		6	29.99	50	49	46	62	0.0.19.9.		0	
	1	1 -			N. HOV.	7-11	-	6	3001	50	49	45	62	beg. fp. h		1	
7	1	5				7-10		6	30.02	51	49	45	62			1	
8	1	5				7-10			30.04							1	
9	1	0		04.994.		6-10								0.0.9.9.	1000	0	
10	1	0			•	7-10								.,,		0	
11	,	0				6-9								b.c.9, d.		2	
Noon.	1	0		-		6-9			30.06							2	
																133	
	33	9	Dietauce by	Soo .		1723	-	-						A STATE OF THE STA			

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

Course and distance	(Latitude by D. R.		39 048	100 " M.		
	Longitude by D. R.		42 0 46	100 " 91.		
Position at Noon :	Latitude by observations of O		40 0 19	152 " Ju.		
	Longitude by chronometer from Fo	renoon Observations of ⊙	No obs	, ,,		
3 114	Latitude by D. R.			1.00 " St		
Position at 8 A. M.	Longitude by D. R.					
	Latitude by D. R. fun Norm		40 0 28	. 36 " N.		
Position at 8 P. M.	Latitude by D. R. furn Norm Longitude by Churumeter for	no O. In observation o	42 027	101 " 94		
Current during the		r hour, setting to the				
Error of the Compa	ss by Azimuth O observed at	, ship's head	•	,		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0		variation used,	0
Error of the Compa	ss by Azimuth ⊙ observed at	, ship's head	. 0	,		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head		'	variation used,	0
	ring the preceding 24 hours,		35			
Water distil	led during the preceding	24 hours,	90			
Water remaining on	hand fit for use at Noon,	and the second	1300			

2 tons, 920 lbs.

												1833				1	Я
P. M.																	j
1	1	0	Hauldin	. Q. 90.	A. N. 84.	6-8	7	30.06	53	52	47	62	b.c.q.	cum mich.	2	IR.	4
					484.	6-8		30.06									ı
3	1	0				6-8							-				١
4	1	0				6-8		30.06									ı
						6-8		30.06									1
6	2	8	18.7	34.3	1.19.	6.7	1	30.07						.,	4		ı
			7.5		"	6.7		30.08									l
			13.9			67											ı
			19.5		At Of by A.	5.7							0.0.9.				ı
			25.6		NOV.	6-7											ı
			31.7		the set.	67							0.0.9.d.		0		į
			38.1			67									0		ı
									1								
-		-				-	-	and the contract of	artificity.							-	41

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4.0.0M.

Commenced and until 4.0.0M.

Clowdy with violent aqualle and passing shown Very fresh beege from A.O. by A uncidency in frequent equalle to heavy gale. Ing heavy will flow Leth. and among cone are from A.O. This willing and fitting deeply. I saying to me touloud tack under for atoms staypail, alove refed main topsail, main tryail and storm migral. Little Let O. S.O. Chem 4 to 8 a. M. Deather most and cloudy with rain and haid in equally. Therewas gate with wireless agnally intervals. This bying to on starbard tack coming up to E. by w. and falling off to CA. Ser. Occasionally shipping a little water over less rain. Barometer using writing with the William William William William Similar with the water over less rain. Barometer using writing with the continuant of the Ser. From 8 0. M. to Okerid.

Generally orwised and cloudy very fresh breyer to gets and fresh gate in aqualler from N. N. N. . with reconscious buller Lyning to me starbroad tack . No change in each This rolling a good deal Distilling.

Red Six Lale Energy On S.ON. From Meids to 4 T.M. Clody Freeh brezer to moderate geles in equally from N. 494 to 4.94.
Strady barometer Equity to m the starboard tack The change in adil Long rough are from 4.94. I righted as willing orrest standing to the Ad. and Ed. J. m. noun Energy Q. S. Q. Grown to 8 PM.

Cloudy weather Greek been with moderate agralle from Ath to A Ch by it. Barometer ning, then steady. Ocean will from Ath dying to on starbond tack under close reefed main topsail for eterm starpall, fort of main trysail and close mergen At 5.00 called all hands are emple reefed foreail and close reefed for topsail. For also show one reef at of topsails set for topsail for topsail. When the over reef at of topsails set for topsail starpail and main trypal; took in atom oneggin. By order of Comnauning Office are concer 6. No. Lieutenant U. S. Or. From 8 P. Du. to Orid.

Blady to orwest, light driggling rain last hour. Field to fresh bress from

40t. by th. at first, harding to 9. 164 last half "Reavy era low Preternal Baronete felling Steering
court 6. 166" under for topment staymet, for storm staypail, engls exclude formed doubt relied topeable
and main trypoil. Go Lieutepaut Qu. S. A.

Examined and found to be correct.

Plozen A. Galt S. M. Navigator

			1	U	U	U	Section .			1000	200			,			
Hour.			Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND				BAROMETER.		TEMPERATURE.		State of	Forms of	of Clear in 10ths.	e.Sea.	
	Knots.	Tenths.			Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in l	StateoftheS
A. M.	44		44.3	€.48.	Otest	56			29.99	58	56	55	62	0.0.9.0.	curacine	0	I.
2	6	3	50.6		01. ln 9.	5-6								0.0.91.10.		0	
3	6		57.2		91991	5-6			29.93	59	57	56	62	0.0.91.N.		0	
4	16		64.7			5.7			29.90				62			0	
5	7	8	72.5			6.8			29.87				60			0	26
6	1	8	80.3			6.7			29.87	61	59	578	60	0.0.4.9.4		0	
7	1	3	87.6			4-6			29.88							0	
- 8	16	7	93.3			46			29.87							0	
9	7	1	100.5			5-6			29.87							0	
10	7	4	7.9			5.6			29.87							0	
11	1	5	15.4			5.6			22.86	1		1 .	1 .			0	
Noon.	7	0	22.4		- 1	5.6			19383							2	
						-			1	-	-	-	-	-	1	-	+

	istance	

Course and distance made good since preceding noon by observations, (Latitude by D. R. Longitude by D. R. Latitude by observations of O No observation " Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. Longitude by D.R.

. Position at 8 P. M. Latitude by D. K. from Jum Longitude by Chronimeter from P. M. observation o

tenths per hour, setting to the Current during the time, Error of the Compass by Azimuth O observed at , ship's head

( Error of the Compass by Azimuth @ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours,

Deviation of the Compass by Azimuth O observed at

Water distilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

129 knots, 7 tenths. 41 0 47 'SH " N 40 045 00 " 91 41 027 158 "4

41 ° 27 '00 " Sr. 41 012 '00 " %.

42 004'00 " N. 39 057.00 " %.

variation used,

350 gallons. 1100 " 2050

2 tons, 1720 lbs. 98 " 1330 "

-	130													1	-	H
P. M.										369						U
1	9		31.7	31.3	Q1. 4° Q1.	6-7	29.81	64	62	62	59	0.0.9.m.	cur and	8	16.	I
2	7	8	39.5			6.8	29.79	63	62	61	59	0.0.9.1.00				
3	7	5	47.0			6.7	29.79	63	62	61	59	oo.md.				ı
4	6	7	53.7			5.7						8.0.m.d.				ı
			58.4	"	Ph. N. Bt.	5.3						bc.md.			616	ı
			62.7		Qtest	4						bo.				
			67.7			4						b.o.g.				
			73.8		24. N.A.	4.6	29.86							2		
9	6	5	80.3			4-6	29.86							4	2	
			87.4			4-6	29.88						30.50	6		
			95.1			5.1	29.89							6		
			2.5			5.7	29.90							6		

, ship's head

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 0.0M.

Obather overcast and clondy presing rain agually first half thick and rainy last half of watch. This to fish breeze and moderate gale in agualle' from they to the ID Baromethe falling at 12.30 took in man trusail. This nothing hearty at time to long following sea This industry for topmast stayonil, doubt reefed topsaile and enigle areful forest, steering a concerne. Destroy

My Lieutenant Ch & Ch.

Oum 4 to 8 a.m.

Overcast cloudy and misty. Light displing van mat of water Freeh breeze to morderate gale first part of which flow 0.50 h, moderating to feeled breeze latter part. Thore are refer and made agreen sail to topgallant sails except the manusch last hom. There was for the 98 h and 0. by 9., to which ship solling a good deal. On course & NE (pc.) RASiodale

Energy Qu. J. M.

From 8 a. On. to Merid

falling. On come & N.E., under typicall toppgallant baile, forsail and for topmast stayabile. Ink off present braces at 8.15. Bearg sea firm Phest. Distilling.

Ensign Ch. J. Ch

From Pherid to + P. 9N.

Overcash cloudy misty passing shown and dryzling name Fresh to stiff been with fresh agualle from Ot Feb. Balometer filling them steady. Sood heavy will from A. I Ot, with come area from Ot I Ot. This willing deeply at times. I terring a course & N. 6., under equal sail to toppallout earle (except manache) and for topmat stayant. At 1.30 took in and fulled topgallout earle.

Deintenach O. J.M.

From H to 8 9.9 C. Clarity and misty, with driggling raw first how cleaning neet of watch. Sentle to fresh been from Chest And O. N. Ch. Blumeter hierag Long heavy Carlle flow Ch. 184, ellip colling deeply at times. Themag conce 6. N. C. sucher for topolact stayout, foreast, for and man topeasts, at 4.20 set make tryind and at 5.30 took it is at 7 single neefle the topeasts. In batters and trypular off lee ends of all hetely. Lieutenant Ou & 9.

From 8 9.00. to Prid.

Cheather fair, bright mornlight Moderate breze to gale in aqualler from 94.494.

Barometto viewing alonely This colling to long following eas. Distilling.

WB Whitelsee WBWhitelsey Leitenant & J. M.

Examined and found to be correct.

Phys It Galt Seen Navigation

LOG of the UNITED STATES Ship Essex Phind Rate, Making passage from Rewport, R. D. to Sinthampton, England.

			0														
			Reading		WIND.				BAROME	TER.	TEMP	PERAT	URE.	State of	Forms of	Clear 10ths.	9.0
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	Stateofth
A. M.	80	0	10.5	6. N &.	Q1. N. Q1.	6-8			29.90	60	58	56	59	b.o.g.w.	cir.	7	H
2	7	7	18.2			6-9			29.91	60	58	56	59	bc.9.1.	cum uniel	3	
3	9	3	27.5		Jet by Ot.	7-10			29.93	59	58	56	59	b.c.g.		5	
4	8	5	36.0		1	7-9			29.95	58	56	54	59		1	3	
5	8	3	44.3			7-8			29.98	56	55	52	59		etent.	3	,
6	8	0	52.3			7-8			30.02	56	55	52	60	b.e.	cir.	2	
1	8	3	60.6			1.7			30.05	56	56	53	60			4	
8	7	8	68.4		P	6.7			30.07			52				2	
9	1	0				6.7			30.10			54		b.c.q.		4	100.0
10	16	43	75.4	18.4 8.		6.7			30,11			56		U		5	
1000	04	5	86.6	8.16.		5.6			30.14			1				4	
Noon.		8	93.2	6.00 6.		5		1 3/10	30.15		1			b.c.		4	
	7		15.2					SA !			1978		1			100	
1	-			0		1000	-	-	-	-	and and	No trace	-	THE RESERVE OF STATE	NAME OF STREET		

170 3 Dustance	butes.	
Course and distance	e made good since preceding noon by observations, A 50 .	177 knots, tenths.
	(Latitude by D. R.	43 026 24 " 1.
•	Longitude by D. R.	37 042 100 1194.
Position at Noon :	Longitude by D. R.  Latitude by observations of ⊙	43 0 21 10 " 1.
	Longitude by chronometer from Forenoon Observations of O	37 0 38 , 00 "04.
		43 006'00 "JV.
Position at 8 A. M.	Latitude by D.R.  Longitude by Observation 0	38 005 08 " 04.
	( Latitude by D & Lond None	43 052 54" N.
Position at 8 P. M.	Longitude by Blasmonuster Line G. On Observation o	36 0 26 45 " (24.
Current during the	Latitude by Bl. M. from Norw  Longitude by Chammada from G.M. Observation o  time, /4 knots tenths per hour, setting to the \$29.26	

( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head ( Error of the Compass by Azimuth O observed at , ship's head

Deviation of the Compass by Azimuth O observed at , ship's head 500 gallons. Water expended during the preceding 24 hours, Water distilled 1100 during the preceding 24 hours,

Water remaining on hand fit for use at Noon, 2650 2 tons, 920 lbs. Coal consumed during the preceding 24 hours, 96 . 410 Coal remaining on hand at Noon,

1															
	P. M.					1									
1	1	7	0	100.2	E. N. E.	04.1.24.	5	30.15 55	- 56	52	60	b.c.	cir.cum.	6	on.
1	2	6	3	7.93	63/4N.		5.6	30.15 59	56	53	60		"	3	
1	3	7		15.0		Q1. by st.	5	30.15 5	56	53	60	4		2	
1	4	8	1	23.1			5-6	30.15 60	57	54	60			4	
1	5	8	4	31.5			6	30.16 60					cum. mint	3	2.16
	6	7	6	39.1			6	30.18 6						3	
1	7	8	1	47.2			6	30.20 6						3	
							6	30.22 6				0.c.		0	
				61.9	۶ .	01.191.	6-7	30.24 5				bo.g.	10. X	3	
	10			69.0	6.4.6.146	"	5.7	30.46 5						3	
	11			76.0			5.7	30.27 5						3	
	Mid.	6		82.8			6	30.28 5						5	
		120	40												100

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 40.9M.

Dair. Very fresh berge to fresh and whole gale in equalloform Ot. 164. and A. 18. by 64.; heavy agricalle with light name about 2.10. On concer E. M. (foc.), under enigle refer topicales, fortail and for topicales staysail until after 3.30 when took awarden reef in the topicales. Hauled up less cleur of foreact for 12 hour each at 1.30 and 3.00, so that galley fair would burn. Heavy sea from I. N. Thip rolling a good deal.

Out on purvater braces at 2.30. Distilling. Ro. Indale.

Eusign Qu. G. Ch.

Gum 4 to 8 a. On

Fair Freel brezer to moderate galer in aqualle from N. 9. by the Ricing bounder On concer & N.E. under pail as at end of previous water & Heavy pea running with the unid. Occasional heavy extleng. Distilling. Confined on quater deek on brad and water by order of Commanding Office. Brune, J. (app 30) Thiast T. (app 30) office, emoking Onnus B. (app 30) offuse, ethorough limitely away in fire com: Thorsday G. (app 30) offuse, unabordinate conduct.

Im name Greign U.S.M

Orm 8 a. On. to Merid.

Bearmeter rising beary swell from Oh. N. Phip willing deeply at times, sian decreasing latter part of watch, from H. N. Phip willing deeply at times, sian decreasing latter part of watch. Steering a chieve E. N. E., sunder double negled topeacle, forward and for topeacle party of 5.5 by order of bournauding Officer, changed concert of 8.6 by E. and if the party authority to E. N. E. At 10.00 shorts me welf of topeacle and set main topeacle. At 11.00 shorts second need on to topeacle set topeacleut early jet main and muzyow topeacet stayable Dy order of bournauding Officer, confined On S. Reiley (agy 3ch) for four days solitary confused on brad and water; office, these

my Jordan. Lieutenant Q. F.W.

From Merid. to 4 PM.

Dain to cloudy First been few 4.00% and 8. by N. Long everll from 8. 4.9%. asky willing deeply at times. Barboneter strady. Itering cover 6.46, until 110, when changed to 6.44. And Clouds equal said to top gathaut scile (except manusale) and jet, for top was stayered, main trypail, main and muy top mark stayered. At 12.10 took in and strond jet. At 1.15 took in main and support top mark etayered and main trypail and set les clour of manusal. At 2.00 hauted up la clur of manusal.

Trytewant Cu. S. M.

From 4 to 8 P.9 ..

Preather fair, clouding up during latter part of watch Freeh been from Oh by it. Barometer rising. At 6.45 took in toppalland earls, and at 7.00 took two reefs in topsails. This rolling beauty at times to long belowing up. to long following sea. WAWhitelery Lieutenant Q. J. D.

From 8 P. M. to Mid.

Dair. Fiff and fuch breyer from the by the and Q. A. D. On crosse 6. 4 th until 9 or when claught to G. N. E 16 6 by order of Commanding Office Fet the main trypail at 9 00 Dinished dictilling at 8. 30 thesay long Examined and found to be correct surely from the the mountaining near and of watch bloods from the theory showing it interests.

A. Jack

Strittment D. A. D.

Strittment D. A. D.

Strittment D. A. D.

Rayer H. Galt Sientenant O. J. D.

variation used.

gu.

6.

0

0

0

0

0

0

0

0

0

350 gallons.

200

2 tons, /720 lbs. 93 " 930 "

30.34 62 62 61 60

30.34 62 62 61 59

2500

OG of the UNITED STATES Thip Essex. Third Rate, Making passage from Newpork and to Foothampton, England

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	of Clear in 10ths.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of (	Statoofth
M. M.	89	6	89.7	6.163/46.	9. 49.	6			30.28	56	55	51	58	be.	com anil	6	4
2	6	4	96.1		Oh. by N.	5-6			30.28	56	55	53	58			6	
3	6	4	102.5		Of est	5-6			30.29	56	55	53	58			2	
4	5	9	8.4		1 1 1 1 1 1 1 1 1	5			30.30	56	55	53	57			4	
5	5	5	13.9	E3144.		4			30.32						cum strat	4	ı
6	4	1	18.0		Ph. h. g.	3			30.83	58	56	53	60			5	6
7	5	4	23.4		01.961.	3.4			30.34	58	56	54	60			4	-
8	6	1	29.5		901.	3-4			30.34	59	57	55	59			,	1
9	7	D	36.5			5			30.35	59	58	55	58	0.0.	cum wind	. 0	-
10	1	0	43.5			5			30.35		1			Charles and the second		3	
11	5	5	49.0			5			30.33							0	
oon.	7	0	56.0		99. ly 9.	5			30.33	1	1		57	Control of the Contro		0	

162 . 8 Dietaun ly fra 162 knots, 8 tenths. Course and distance made good since preceding noon by observations, 44 . 53 . 42 .. N. (Latitude by D. R. 34 036,00 . 91. Longitude by D. R. Os observation . " Latitude by observations of O Longitude by chronometer from Forenoon Observations of O 84 0 27 137 " N. Position at 8 A. M. Latitude by D. R. 44 ° 40 ' 54 " N. Longitude by Observation 34 059 37 "06. Position at 8 P. M. Latitude by S. W. Longitude by Chemoneter from P.M. Observation O 45 014 '00" N. 33 0 05, 00 " % Current during the time, knots tenths per hour, setting to the ( Error of the Compass by Azimuth O observed at , ship's head

, ship's head Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

P. M. 63.7 & 3/4 N. Forth by Chest 5.6 Smith 6/29. 5-6 7 5 7 9 79.0 E. 49.

30.31 59 58 57 58 0.0. N. cum winds 0 30.30 59 58 58 58 00.9.1. gly 4. 5.6 30.29 60 59 58 59 0.0.9. 8. 994 6.7 30.29 61 60 58 59 .. 9. ly of. 30.29 61 60 58 59 0.0.9. m. 6.7 30.29 61 60 58 59 " 6.7 6.7 9.904. 30.29 61 60 58 58 6.7 30.30 62 62 61 58 fer. 6.7 36.32 62 62 61 60 0.0.9.d. .. 30.33 62 62 61 60 0.c.g.w. 94.294. 6.7

6.7

69

OH 984.

86.9

95.6

18.4

32.4

39.3

45.7

3.9

5 8

6 8

9 71 25.5

7 6 11.5

11 6 9

Mid. 6 4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Check Riving barmeter. On concer & NE 14 & Sunday and pleasant. Fiff to fresh brever from 94 N. Oh. to Check Riving barmeter. On concer & NE 14 & Sunday paid as at end of Josovine world till 130, when abord refer mt of topicale at 5.50 took in main trypail. Long purile from 94. 1491. I. m. noune Ensign Q. J.M.

From 4 to 8 a. On. Pair and pleasant, clouding our latter part of watch. Gentle to moderate brey from Christ to 4 Oh. Baronter neing Long evall from NB. Flexing a conce 6. N 6/46, under toposale forceal and for toposale stayment. At 4.10 by order of bommanding Officer alanged course to 6 444; at toposale and ab 5.00 acut down royal mysele and unlimb varyales. At 8.00 act les cless of manusal.

From 8 a. M. to Merid Crow & U. M. to Merid. Colondy to varically diggling rain last how. Tiff breeze from FOL and FON by F. Barometer fell diglety. Evang everll from Ch NA Feering course F 4 h, under plain sail to toppgallant sails except jit wrather clear of maurical and spacker at first At 8 40 set jit, and at 10.50, set main and major topmark etaysails. At 11.30 crossed word yards and but again At 9.30 mustored and uniperted at quarters. Dieled Friet Direson, setting up and emall arms; Elecal Director, petall. Philad Director, agreet guns and Powder Director, petall.

From Precid to 4 P. 910. Cheather present and cloudy with passing abover during fiel half of watel. Tielf to fresh been from F. F. O. to Smith. Baronder falling At 1.15 changed could to 612 F. And at 2.00 0 clock to 6. by F. O ork in lee clew of maniscal and set man trysail; at 1.30 took in topgallast sails; at 3.00 o clock trok in man and muzeu topmast staysails. For up the previous bases.

Dientenant & J. M.

Liestenant Qu. F. 91.

From 4 to 8 PM.

Onceast cloudy and mity Fresh to very fresh breeze from F by 9. and II On course E by F (po) Ot 7.00, took two enight reefs in the topsails. The cloud find I Ha Enow My and I Hy sea.

RD. Sindale Ensign Qu. F. M.

From 8 C. 9n to Mid.

Overach cloudy and damp Fresh breeze from S. 9h to 9. 49h increasing in free in equally On course & by I under sail as at ends of previous watch brown sea from Inch and IN Barometer viewing slightly.

Let no name Ensign 9. 5. Ok.

Examined and found to be correct.

Ragus It. Galt Leistenant Q & 90.

LOG of the UNITED STATES Ship Essex. Third Rate, (Making passage from Theorport, R. D. to Southampton, England.

						-	-	-	-			-	U		1		
			Reading		WIND.				BAROMI	ETER.	TEM			State of	Forms of	of Clear in 10ths.	35
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 1	Stateofth
A. M.	89	8	51.8	6. by 9.	Par. by ar.	5.6			30.34	62	61	60	59	0.e.w.	cum unil		7
2	6	2	58.0		. 0	5.6			30.84	61	61	60	59			0	
3	5	8	63.8			5			30.35	61	61	60	59			0	
4	5	7	69.5			4-5			30.35	61	61	60	59			0	
5	6	4	75.9			5			30.37	62	61	60	59	0 c.m.d.		0	On.
6	7	2	83.1		FU.	5			30.40	62	61	60	59			0	
7	7	4	90.5			5			30.41	62	61	60	60	b.c.m.w		1	3
8	8	2	98.7			5			30.42	62	62	61	60			2	
9	7	6	6.3			5			30.43	62	62	61	60			3	
10	8	5	14.8			5			30.4	-62	62	61	60	THE REAL PROPERTY.		4	
11	5	6	20.4			5			30,45	63	62	61	60			2	
Noon.	7	4	27.8			5			30.46		1 .		1000		cir.eum	6	1
													-		1		

171 9 Distance by fog Course and distance made good since preceding noon by observations, 156 knots, tenths. 45 041 48 " 4. (Latitude by D. R. 30 043 00 " 04 Longitude by D. R. Position at Noon: Latitude by observations of O 45 0 43 , 12 " N. Longitude by chronometer from Forenoon Observations of O 29 059,25 19. Position at 8 A. M. Latitude by D. R. fund Show Longitude by Observation O 45 031 '00" N. 81 030 00 " OL Position at 8 P. M. Latitude by D. U. from New Con. Observation of Current during the time. knots tenths per hour, setting to the 460 09'00" N. 28 0 36 00 " 04. Current during the time, | Error of the Compass by Azimuth @ observed at 7.10 a.f. ship's head & by 4. 32.00.24 2 000 6 variation used,30000 . W , ship's head Deviation of the Compass by Azimuth @ observed at " ( Error of the Compass by Azimuth O observed at , ship's head variation used, o Deviation of the Compass by Azimuth O observed at , ship's head 400 gallons. Water expended during the preceding 24 hours, 300

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2400 tons, /800 lbs. Coal consumed during the preceding 24 hours, 92 " 1370 " Coal remaining on hand at Noon,

P. M.	8	2	36.0	E. by 4.	for hou	6	30.46 64	62	61	60	b.c.m.	cir cum	6	gn.
1	8		44.1	7	forly or	6	30.46 65						6	
3	8	7	52.8			6	30.47 64	62	61	60			6	
			61.2			6					- La 11/2		6	-
5	7	8	69.0			5	30.50 63	62	60	60			6	
6	7	4	76.4		9.904.	5	30.51 62	61	60	59		cum mint	.4	
7	7	0	83.4		01. ly 9.	5	30.52 62	61	60	59	b.c.m.w.		3 .	
8	5	2	88.6		0	4	30.54 62	61	60	59		cum.	5	
9	6	3	94.9		Otest	4	30.5462	61	60	59	0.0.m.w.		0	
10	5	7	100.8		2000	4	30.54 62	61	60	59	b.c.m.w.	les that	4	
11	5	5	6.3	•		4	30.54 62	61	60	59			0	
Mid.	5	. 2	11.5			3-4	30.54 62	61	60	59	0.0.m.w.		0	
1														

## Commander C. T. Strong, Enday April 24

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Derical cloudy, light mist Arch to moderate been from 98 by 8. Baroneter rising elightly, their steady. Long everll from 98. Steering a conser & by 8. under double reefect topsails, foresold, jet, fore tophased daysail, and man trysall. At 3.45 about neefer out of topsails. In Secretary Q. J. Q. Prom 4 to 8 a. On bloody to correct, miety and damp. Itiff brey from II by II. and IN Moderate sea from II Barneter nema Iterema chieve & 1, under plane sail to topedile (except manusal and epauler) and main tufail at fliet; at 4 30 set topedilant earle and main and mysen topenant staysails. At 6.40 set royals, flying jet and spanker. Levitabant Q1. 9.91 Oum 8 a. m. to Merid Obrather fair, mity about houjon. Fill breey from Fob. Barometer neing. At 9.30 mutered crew at quarter, then Exercised at cleaning skip for action and general quarter. Exercised engine least during 2nd period. At 10.20 took his main trypail and set les cleur of mountail. Fel clock ahead 15 minutes between 10 and 110 clock. Fleening a course 6. by F. Lither dies of free die out. wiswhitelory In Levitenant Q. S. a. From Chaird to 4 9.9% I by Ob. On conser & by S. (p.c.) a certain part of appendices instructed in signals. Rochings in sail Moderal I By surl. abstradale Ensign Q. J. M. blear fiest part; cloudy to ornoast and damp latter part. Fight scud morning rapidly to Ed. Fiff to moderate breeze from FCh by Eh. to Oh by F. Or change in sail till 7.15 when tooks in and fulled rayels and flying jit. On lower E. by F. Barometer neury. Producte Forly. and Exercised at fix quarter at 5.80. In name & S. Ok. From 8 P. M. to Mid a County unather oroqueronally change mich and heavy dew. Oroderate to gentle brey from Phet Baronthe strady Morderated everll flow Old Streening a conce & by I, under all each to triggalland each each wrather slew of manuscil, and main though At 8.30 took in manuscil and mayor topmach strugged and spanker. Englisheitewant Ph & ON. Roger H. Galt. Salv Navigator

LOG of the UNITED STATES Phip Essex Third Rate, Making passage from Deinjert, R. D. to Fouthampton, England

	1	T	Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			Clear 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.			17.0	E. h. F.	Otest	4			30.55	62	61	60	59	0.e.ou.d.	cum aum	. 0	On.
	5		22.4	1		4		1	30.54							0	
3		1	27.4		91. ly 8.	4			30.55							0	
	4		32.1			4			30.55							0	
5	100	0	37.1		04.901.	4			30.55							0	L
6		8	41.9			4			30.56	62	60	59	59	0.c.m.		0	
7	5		46.9		901. by 94.	4			30.56							0	
8	5		52.3		94.	4			30.58	1000			9			0	-
9	5		57.5		901.6, 91.	4								0.c.m.d.		0	
10	4		61.8		Fel.	4			30.59							4	
11	6	1	67.9			5			30.60	1 .						2	-
Noon.		0	74.9			5			30.59				1000		cir.eum	4	

146 .9 Distan	w ly frg.					
	ee made good since preceding noon by	observations, J812 6.	153 knots,	tenths.		
	(Latitude by D. R.		46 0 21	'00 " J.		
	Longitude by D. R.		26 0 31	54 " 04.		
Position at Noon:	Latitude by observations of O		46 019	· 57 " A.		
	Longitude by chronometer from Fo	renoon Observations of O	26 0 21			
	(Latitude by D. R. Line Som		46 0 16	18" N		
Position at 8 A. M.	Latitude by D. R. from Normal Longitude by Observation 0		27 004	56" 24.		
	( Latitude by D. R. from Jom		46 032	134" N.		
Position at 8 P. M.	Longitude by Chronometer fin	Q. G. observation o	25 009	00 " %.		
Current during the	Latitude by D. R. from Normal Longitude by Chronometer from time, knots 4 tenths pe	r hour, setting to the \$ 8	4º6.			-
	ass by Azimuth O observed at 10.100			. 91.		
	ompass by Azimuth O observed at		\$ 000	· 6.	variation used,30 000	,9
(Error of the Compa	ass by Azimuth ⊙ observed at	, ship's head	0			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	,
Water expended du	iring the preceding 24 hours,		40	gallons.		
Water	during the preceding	24 hours,				
Water remaining o	n hand fit for use at Noon,		200	0 "		
Coal consumed dur	ing the preceding 24 hours,		tons, 80	00 lbs.		
Coal remaining on	hand at Noon,		92 " 5	70 "		

P. M.	1		-						-	1					
1	7	1	\$2.0	6. h, 9.	\$94.	5	30.59	62	61	60	59	b.c. m.	cir. cum	4	90.
2	6	9	88.9	1	\$01. h, 04.	5	30.59							3	1.
3	6		95.7			5								7	-
4	7	2				5	30.59	62	61	60	59		1	7	
5	7	0	9.9			4	30.59	61	60	59	59		cum etral	6	9.
6			15.7			4	30.60	61	60	59	59	b.o.f. w.		5	
7	6	0	21.7			4	30.61	61	60	59	58	b.o.w.w.		5	
8	5	3	27.0			3.4	30.61							5	
9	5	6	32.6			4						b.c.w.		7	
10	5	4	38.0			4	30.62							7	-
11	5	4	43.4		991.	4	30.62							8	-
Mid.	5	4	48.8			4	30.62	60	59	58	58			8	

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a. M. .

Ovicast, mity and damp; light drysling name back half

Onoderate breze from Obert and Oh by 9. Steering comes & by 9 under get for topmact staysail,

and equal sail to toppgallast lails, except wrather clear of manuscip.

Act by 100 day. Leisteward Dr. J. O. From 4 to 8 a. M. Deather orweat and cloudy drypling rain first half hom. Twodeste breye from Ot I to to I to Baroneter rising. At 14.30 make all sail earlyst flying jet wrather clear of mainsail and spenker Itching a course Long swell from NI. Wiswhirelog 43 The Lieutenant M. F. M. From 8 a. On. to Cherid.

Overcast to cloudy, misty around hours. Inoderate breezes from SO. On come E. by G. (go). The the flying ill and aparker at 118 clock. Chade repairs to starband while shears it is on the safe when the shears is to starband while shears is to so, using relieving trackles for shot while.

On Since ale Qh. Sindale Energy Q. J. Q. From Merid to 4 P.M. Chudy and bayy, but pleasant wrather blearing last half . On come & by I . The change in eail . Fift breen find I the to I & by Ex. I steady barometer. I.m. name Eusign Q. J. R. Derm it to 8 P.M.

Chear and phasant most of intell light for attling down at 5.15 and lifting again some after . Bear dow . Oredicate to quite here from FO. Ly D. Barometer ring, then stady. Smooth sea Freeing a bours & by I under all each each wather claw of manual and main turail. At 7.10 told in and fulful royals and flying jet, while taking in royals, caused away in the single. Such down just and with each. In Dewiterant & J. Gr. Derm & P.M. to Mid Colour and very damp Bright mornlight. Moderate brees from & a. b. and SA. Barmeter wave shightly . Involt sea. Itering conce E. b. S. under plain sail to topy allant said (Casept wrather class of manismil) and all staymall By order of Commanding Office it obgons (Securita) was empired to the Quarter deck for whome, offence dechainer of orders. Banky Secretary 91.89. ...... Region Hefact . Navigation

LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Prewport, R.D. to Southampton, England.

			1	10							U			1			1330
		1	Reading	COURSES STEERED	WIND.				BAROM	ETER.	-			State of	Forms of	Clear 10ths.	of the Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in	Stateoft
A. M.	73	9	55.5	& h. g.	F91. L, 21.	5			30.62	60	59	58	58	0.c.m.w.	cum.	0	9
2	5	9	61.4		Q1.9 191	5			30.62	59	58	57	58			0	100
3	6	2	67.6		801. ly &.	5			30.62							0	
1	6	0	73.6	The state of		4.5			30.62							0	
5	6	0	79.6		Q1. F91.	4-5			30.63							0	
6	6	0	85.6		901. h. 81.	4.5			30.63	59	57	56	57	0.0.m.		0	
7	3	5	89:1	•	<b>900</b> .	3			30.68		1000			b.c.m.	cum stial	2	
8	6	7	95.			3.5			30.60	61	59	58	57			5	
9	4	7	100.6		901. by 9.	3			30.64					0.c.m.	diait	0	
10	5	8	6.4		1	4			30.64	61	59	58	57			0	1386
11	5	5	11.9		<b>301.</b>	4			30.63					bem		,	
Noon.	4	7	16.6			3			30.63	61	60	57	57			4	
-			× . 0						Trappropriet					-			

14 1.6 Dietanuly Sog Course and distance made good since preceding noon by observations, J180° 6. 141 knots, 7 tenths.

[Latitude by D. R. 46 • 54 · 24 " J. Longitude by D. R. 23 . 00' 00" 21 Position at Noon: Latitude by observations of O 46 045' 15" N: Longitude by chronometer from Forenoon Observations of © 22 0 58' 41" %. . 46 ° 49' 12" N. Position at 8 A. M. Latitude by D. R. fund Norm Longitude by Observation 0 23 025'06" 04. Position at S. P. M. { Latitude by D. R. Jam Nome 46 ° 59 ' 18" N. Longitude by Chronemeter from P. M. observation 0 22 ° 03 ' 12" (2). Current during the time, 3/8 knots tenths per hour, setting to the \$4.6.

( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head (Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

variation used.

450 gallons.

1500 92 tons, 570 lbs. 92 " 570 "

													100					ı
	P. M.																	ı
	1	6	1	22.7	6. ly 9.	for.	4		30.63	62	61	59	58	b.c.m.	mint the	15	2	l
	2	5	3	22.75	6 12 9.	1 70 7 70 1	4									4		ı
1	3	5	8	34.6		for 4 01.	4.	1							1	5		ı
	4	5	7	40.3		ા. કરા.	4									6		ı
				46.3			4									7		
	6	5	8	52.1			4									6		ı
							4							b.c.m.w		6		
	8	5	5	57.8			4									5		
				68.9			4		30.63							4		ı
	10			74.3			4									2		
	11			80.1			4							0.c.m.w.		0	1000	
	Mid.			85.6			4		30.61							8		
			-				133					,	-1					

## Commander E. T. Strong Sunday april 26

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a 9h Preather fair clouding our during frist hour of watch, with high mid mid Moderate to stiff breve from I by 4 to 8. 40. Bavoneter steady Ship under all sail to toppallant sails early weather clew of manisail and main typical. al 20 clock took in splaker. Flering a conce & by I.

UBM Leutewart Q . S. Ch.

From 4 to 8 a. On.

part of watch and falling mich filet home. Thoderate berger film Of Feb. to Feb. high third home. On one in file files from On Jung first the form on one & by F. (pc) at 6.30 at for royal; at 7 the flying jil and aparter. Long swell from Oh by H. civ cure clouds from Oh N. H. Bigh barometer.

R.D. Lindale

Grow 8 a. On to Merid.

In · Name ON & M.

Oum Oreid to 4 P.M

Barometer falling dowly. Ima will from the Fterring a course E. by 9 under all sail exapt wrather clev of maintail, moin and main trystle. At 1.30 art wrather clev of manusail, and hauled it up again at 2.45 at 3.30 and up main engal good that had been fished and main anyal. Okt. 10. by order of bommanding Officer changed concer to 6 12 F. Our each in eight on starband quarter, standing to the Ed.

J. Sr. Jordan. Dientewant Ol. & .

From 4 to 8 P.M. Sair and pleasant hay around horyon heavy dew last half moderate bregge from Oh. Il. Sing swill from Oh. 18th. Thereing concer & 1. I hade all said eacy wrather of manisaid and main trysail. At 7.20 took in and fueld royals and flying jet.

From 8 P. M. to Bid.

Breather cloudybut mild and pleasant, with moderate breye from & SA. Barometer steady. Them skining through rifts in the clouds.

WAWhitelery Dieitenant Qu. J. M.

Leutenget 9. 90.

Examined and found to be correct.

Roger Hyach Sientenant W. J. R. Navigation

LOG of the UNITED STATES

Third Rate,

of the United States Ship Essex.
(Making passage hom Rewpord R.S. to Struthe

			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.	State of	Forms of	Clear 10ths.	S. Se
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds. by symbols.	Prop of C	Stateofth
A. M.	69	4	91.0	6/29	Oh. by F.	4								b.e.w.	cumatra	4	\$
2	5	2	96.2			4	774		30.60	60	58	57	57			4	
3	5	7	1.9	and the state of		4			30.59	59	58	57	57	30.00		4	
+	5	6	7.5		West.	4			30.59					1000	our.	4	
5	4	7	12.2		(U. ly 9.	3.4			30.58	60	28	57	57	O.c.m.w.		10	
6	4	8	17.0		. 0	3			30.59	60	58	57	57			0	
7	4	6	21.6		Obest	3			30.60	60	59	58	57			0	
8	4	8	26.4			3			30.60	60	59	58	57	b.e.m.		1	
9	4	6	31.0			3			30.59	61	54	58	57			,	2
10	4	0	35.0	1 75	A Aliese	3			30.59	61	59	68	57	0 .c.m.	cum ounil	0.4	-
11	2	3	37.3	8.96/26.	N. N. 6.	2-8								0.c.m. d		0	
Noon.	3	6	40.9	6.963/46.		2.3		1/2	30.60	59	58	56	57	444.3		0	
			Sistanu by	0	1				12.1								
(	Cours	e and		ade good since precedin	g noon by observation	s,			124		ts, 3		enths.				
			-	atitude by D. R.	1	-			20				,, 4				
F	ositi	on at	Noon: {	ongitude by D. R.		-		OL.				, 00	"				
The same			L	atitude by observations	of O	1	-	100	observ	atte	W	'	"				

Position at 8 A. M. Latitude by D. R. Longitude by Observation 47 · 22 · 00 " N. 20 0 24 28 " % Latitude by D. R. 470 24.00 " N Position at 8 P. M. 19 052,00 " 96 Longitude by D. R

knots tenths per hour, setting to the Current during the time, ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head Error of the Compass by Azimuth O observed at , ship's head

350 gallons.

Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

1200 " tons, 800 lbs. 91 "2010 "

0	0	q	3.
0	0		
		-	
0	0		
0	0		
		0000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

# Commander E. T. Strong Monday, April 27

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and until 4 a. M. lolear to fair, damp blonds from Ch N th On course 6/2 Apo), under all sail to topgallant sails eaceft wrather clev of mainsail and main trysail, until 140 when trok in spainer and main topmast stalpail. Bull moon shining and set about 40 clerk. Eng swill from Ch N th.

DA Frage M. J. O.

From 4 to 8 a. On

Ourcast cloudy and hazy. I sentle brey from Or. by I to Oket. Barometer mearly steady. On conne & 12 9. At 435 hauled down muggen topmast staypail. Long swell from It by N to Ol. A 4. L. mo name

Ensign Q. J. W.

Oum 8 a. On. to Merid.

Comme a. M. to Mend
Cloudy and miety passing abovers of drysling name latter part of watch. Gentle breeze from Object, chifting to M. N.E. about 10.30 a. M. Barometer falling slowly Ing surell from Object of Italians of calculation of St. S. Lunder expose soils to royale except worther clear of maminail) heads sails and spouler. At 8.15 houled down for topmaet staying and brack up aparter and spouler of mainsail. At 10.30 steered by the wond on port track, at mamicail aparter and for topmaet staying. At 9.00 mustured aparters and afterwards exercised at during sulli. At 11.00, methoded appurities we examinely. By order of Commanding Officer confined J. P. Beyl (Appsel) in solitary confinement on break and water for true days, offens, disobrdience of order.

Deutewant Q. S. 91.

From Oriend to 4 P. In.

Overcast and mitty with duzzling nain first half I sentle breze to light aire from I'd and Ed. By the while on port tack under all each earpt main and muzze trymast stayeail and main tuposil at first at 12.88 set main and muzze topmast stayeail and at 1.80 took in muzzen trymast stayeail. Conser to be made 6 12.9, until 110 when changed to East. Desit faut On . 9. 9.

From H to 8 P. M. Cheather orweast and cloudy, with drighing rain balon to light airs from North to No 8. by 6. Barometer attack. At 5. Ho sancind at reefing topsails. At 70 clock took his flying jit, wysh, topgallant sails brud main topment staysail. This by the wind last half of water. W. B. Whittelsey & S. R.

From 8 P. Du to Bud.

Overall cloudy and damp balow and light airs to breeze from East to ENE. By the wind put tack. The change in sail. Or hodale - Enugn Qu. J. O.

Examined and found to be correct.

Roy Levitenant Ol. J. Ok. Navigator

LOG of the UNITED STATES Ship Essex. Third Rate, Making passage from Reupont R. D. to Southampton, England.

	-		0	0 0		-	-			-		,					2000
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Clear 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Hed.	Leeway.	Height in inches	Ther.	Air. Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.	20	5	Hauletin	<b>.</b> F&.	16. by 6.	1-2		1/4					65	0.e.m.d.	cum wint	0	8
2	1	8		\$6126	. 1	1-2		.14	30.49	56	55	53	55	0.e.p.m.d.	"	0	
3	1	0		1 36	., .	1			30.47	55	54	53	55			0	
4	0	8		96126.	The same of the sa	1			30.46							0	
5	1	0		96. hg.		1								0.e.m.d.		0	
6	1.	0		. 1		1			30.44							0	
100	10:	0	br.	Oro stenageway	Calm	0			30.44							0	
8	0	0	1	0	69.6	0-1								m80108m.		20	
9	1	0		<b>9</b> थ .	96. by 9.	1								0.c.m.d.		0	
10	00	055		J. Jet .	E. 6 9	1			30.42							0	
11	1	5		A ly 6.	Gast	1.2			30.41							0	
Noon.	2	0	-	1/26.		1-2			30.40							0	
- 3	2.	8 .	Distance	ly Log								-	-				-

3 2 8 Lestan	er hitra.		
	te made good since preceding noon by o	bservations,	32 knots, 8 tenths
	Latitude by D. R.	1 1, 11	19 0 29 . 00
	Longitude by D. R.		19 029,000
Position at Noon:	Latitude by observations of ©		47 0 02 . 25 "
	Longitude by chronometer from Fore	noon Observations of ⊙	19 0 59 100"
	( Latitude by D. R. fund None	E Company	47 0 24 00 "
Position at 8 A. M.	Latitude by D. R. fund Norw Longitude by D. W.		19 028 100 110
d.	Latitude by obs. Polarie Longitude by obs. Jupiter		47 009 28 "
Position at 8 P. M.	Longitude by obs . Jugiter		20011.15 "
Current during the	time, / knots 3 tenths per l	nour, setting to the \$4026	4.
( Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 .
(Error of the Comp.	ass by Azimuth O observed at	, ship's head	

Deviation of the Compass by Azimuth O observed at Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

850 tons, /800 lbs.

350

gallons.

							5										1
P. M.				1 9 1													
1	1	5-	Healedin	N:14 &.	E. ly N.	1		1/2	30.38	55	53	52	56	0.c.m.d.	cum wind	0	9
2	2	0			-	1			30.36								
3	2	0				2											
4	2	1				2			30.34							0	
5	2	0		Nº/2 et.	6.16.	2.3			30.33						etrat.		
6	4	0	50.5	A by 04.		3-4			30.33								
7	3	6	53.6	N. Net.	46.4€	3-4			30.33					b.c.			
8	2	1	55.7	1.94.94.	48.hz &.	3-4			30.35								1
9	2	0	57.1	A. NON.	16.	3			30.35								
10	1	5	58.1	VI.401:201.		2			30.35							5	
11	1	1	58.5	6 96/26.	NE. ly N.	2		,	30.35								
				8.49		2-3			30.35	1						4	
				1													
Million Co.						-	-			Acres 6	Acres de					Section 1	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. .

Ovicast and cloudy Light drighing nam and mist Baroneter falling By the wind on the part tack under Dyscale course glt for topmast stayeout and spanker. General sea. Light hely to light air from is 6 by 6.

In name ON. J. O.

From 4 to 80. On.
Cloudy, dripping nain and mist balow and light air from N.E. by E to E. 9 & Barometer steady Stearing by the wind on port tack inder topicale, crosser git, for topmart staysail and spanker all 18 hauled up manieril and brailed up spanker.

or J. N. Jordan. S. S. Dr.

From 8 a. On to Merid.

Overcast and mity with dripping nain. Fight aire to light brees from FE by I at fruit hauling to East last haef By the brief on port tack until 9.20 when worn ship to Jid and Ed By the unid on starband thek nest of watch Made plain each to toppaces except manual and aparker until 9.40 when set mainsail and aparker. At 9.50 at toppalloust parle and main and muzew topmach staysails. Seitedant Q1.50.

From Overed to 4 P.M. .

Cheather orward and cloudy with drugting rain. Eight and to light been from 6 by 1. Barometer falling. At 3.45 eighted two strangers, now to by 5, the other 96.50%, both standing to the 6d. This by the wind on standing to the 6d. This by the wind on standard tack.

WAWhitelory Lieutewant Q. 9.9.

From 4 to 8 Con.

Overcast cloudy and variey to cloudy; cleaning from NEd Light to moderate breeze from 6. NE to NE by E. By the wind starboard tack at 7. 50 took in and fuled topgallant ealler Long ewell from to by the At 5.15 put one patent log, neading 47.8.

RATILLE RA. Tialde

& Susign U. S. C.

From 8 P. M. to Mid. Change change at intervals. Gentle to light bruger from N.E. to N.E. by A. Steady barometer By the world bu starband tack till 10.30, when wor alige . Moreon was at 9 o'clock Hoadled in potent bog at 10.30 reading 58.5. Long curll from North.

Ensign Q. J. Q.

Examined and found to be correct.

Region Hetalt Dieutenant Qu. 9.00.

LOG of the United States Ship Essex Third Making passage from Prewport, R.D. to Southampton England BAROMETER. TEMPERATURE. ction by Standard A. M. 27 0 3 0 Hauled in 6.149. Aly E. 3.4 1/2 30.35 54 52 50 56 cum unit 4 L 3-4 2 4 3 62.8 &14N. 1/2 30.35 54 52 50 56 3-4 1/2 30.35 54 52 50 56 4 4 67.2 b.c.p. 1/2 30.33 52 52 50 56 + 5 0 72.2 3.5 6/2 9. J. AG. 1/2 30.34 54 52 50 56 b.c. 5 4 8 4 77.0 6. ly 9. 5 8 4 1/2 30.34 54 52 50 56 82.8 5 7 2 8 5 7 9 3 0 5 1 30.35 53 52 50 56 cum strat 2 -90.0 6 14 9. 95.7 4 1/2 30.27 53 53 50 55 4 A by 6. 1/2 30.37 54 53 51 55 J. W.E. 5.9 6/29 4.3 123037 54 53 51 55 5 2 6. ly 9. 11 3 3 9.2 3 1/2 30.37 55, 54 52 55 6.96146. 1 5. ly 1. 12 30.38 55 55 52 55 Noon. 3 8 13.0

8 4, 5 Dietance by Log Course and distance made good since preceding noon by observations, N 64 FG. [Latitude by D. R. Longitude by D. R. Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. fum Arm
Longitude by Observation O Position at 8 P. M. Latitude by D. R. Lond Nom

Longitude by Chemonthy fund Fl. observation a

Current during the time, knots 6 tenths per hour, setting to the \$\frac{4}{3}6^2 \frac{4}{3}. Current during the time, (Error of the Compass by Azimuth @ observed at 79%, , ship's head 96.46. Deviation of the Compass by Azimuth @ observed at P. In., ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1 tons, 760 lbs. Coal consumed during the preceding 24 hours,

40 knots, tenths. 47 . 32 . 07 " N. 18 . 58,00 " 04. 47 0 20 . 47 " N. 19 06.15 "04. 47 0 18 · 43 " N 19 033 13/ " 04 47 017 . 53 " N. 18 028 , 03 " 04. 24.30.86. 2 000 6. variation used, 26 0 30 , 2 variation used, o 350 gallons.

500

89 " 1690 ".

																T
P. M.	4	3	17.3	6.98/28.	16. by 1.	4	1/2	30.39	55	54	51	56	be.	cir.	5	\$
			20.7	98. ly 6/26.		3		30.39								
			24.6	6.86		3							b.c.p.		5	
4	3	1	27.7	96.48/26.		3		30.37							5	
			30.5			2	1/2	30.38	54	54	51	56			6	
6	2	5	33. 6			2	1/2	30.40	54	54	51	56				
7	4	1	37.1			3	1/2	30.41	54	54	51	56			6	
8	2	6	39.7			13	1/2	30.41	54	54	51	56				
9	3	8	43.5	96./26.	NE. by &	1-3	1/2	30.41	54	54	50	56			3	
10	2	5	46.0	£ € /2 £.	E.N.E.	1-3	1/2	30.42	54	54	50	56			2	
11	2	9	48.9	98.6,9 98		1-2	1/2	30.42	55	53	49	56			3	
Mid.	0	5	Hauled in	. 9E	N E. ly N.	0-1		30.42	55	53	49	56	Δ		4	
-																

Coal remaining on hand at Noon,

### Commander & T Strong Obednesday, April 29

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewced and until 40.00.
Cloudy wrather light passing showns last how of water Swaller to stiff been few I by 6. Barmeter steady then falling Dong curle few I both I tering by the und on port tack under topsails, colorer staysails, Jit and spanker Out one patent by lat 12.55 reading 58.5.

2. N. Jordan Dr. F. Or.

From 4 to 8 a. 9h. Chudy Enorderate to stiff here from N. N.E. Barometer riving Long swill from A. N. By the winds on port tack, wider plans sail to topesaile and main and major myjer topesaile at they saile and stopesaile and flying get By now of the Commanding Officer J. & Hughan, app 3 cl., was confused to the Cuarta decolor me day on brad and water; office, cheming tobacco, and J. a. Hallagloor, app 3 cl. same pumelum: officer discussed to an office.

From 5 a. Oh. to Checide.

Checker fair Sentle to moderate breeze from N by & to N & hy N.

Barometer picing At 9 30 mustered cew and exercised divisions as follows: Powder and Frist at gunney instruction; Leond at enigle oticke: Philo at exting up exercises. Held bug inequetion during execute period At 11.50 singlets as said a points on food from Frig by the work on portation of growing of the work of the harmonic of the said of the

From Meid. to 4 P.M.

Dair wrather Moderate to gentle breeze from N. E. by N. By the wind port tack at 130 hauled up and fuled mainsail set main trysail and startle free under boiler B. for distilling at 3, get up both brown chains for mulbanling. Northerly world.

RACII Ale

Ensign N. I. M.

From 4 to 8 9 9 M. Pair Light to gettle breeze from N. E. by N. Baroneter riving By the wind me port tack. At 5.30 sarrough all hands att refing topsalls and course and fuling light will. At 7.20 took in and furled royals and flying jet Imorth ear. Distilling Findand workanling brown chance and paid them blow.

In . Race Energy & A. M.

From 8 P. M. to Obid. Clear and pleasant, balm and light aris to gentle breeze from 6. N. E. to N. E. by N. Barometer ning then steady. Towarth sea Flering by the wood or per track, under togallad tails topicaly forward, stayeally jet and spanker Ot 11. 45 hauled down miggin topmast stayeail. At 11. 20 hauled in potent log reading 48 9.

Leatenant & A. M.

Examined and found to be correct.

Hozen H. Galt. Service All Navigator

variation used, 26000 . W

variation used, 25000 , 2

LOG of the UNITED STATES Phip Esslar, Phird Rate, Onaking passage from Cheuport a. I to Fouthampton England.

			10	0 0	U			-				v			-	2017		
		1	Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of		Clear 10ths.	Sea.	Ì
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe	
A. M.	36	4 0	Hould in	6. h. F.	N. N.E.	1-0		1/2	30.41	55	53	49	56	b.c.	cum strat	5	of	
2	1	5		6. € &.	NE.ly.A.	1		1/2	30.40	55	53	49	56	-		5		I
3	1	0		6/29	1.16.	1-0			30.40							3		I
	1	5		6 hg.		1		./2	30.39	55	53	49	56		N. Carrier	3		I
5				98.02.9.	6.46.	1			30.40							5		ı
6	2	0				1-2			30.41							4		ı
7		5		री दें		1		7	30.41							5		ı
8	1			North	6. ly N.	1		,	30.43							7		ı
9	0				Gall	1-0			30.45				-			3		
10	1	0		1/26		1-0			30.45							2		
11	1			1.16.	6.86.	,			30.45							3		
Noon.	1	5		N &.	96. ly 6.	1-2			30.44							5-		
										-		-						

50 9 Dietauxe by Log

Course and distance made good since preceding noon by observations, \$776 ° 6.

(Latitude by D. R.

Longitude by D. R.

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. { Latitude by D. R. from Non-Longitude by Observation O

Position at 8 P. M. Latitude by D. R. fun Nom

Longitude by Chenometer fine P. M. Observation O knots 0.28 tenths per hour, setting to the 966.

(Error of the Compass by Azimuth O observed at 7.10 a.g., ship's head & 3/491. , ship's head ... Deviation of the Compass by Azimuth O observed at " (Error of the Compass by Azimuth O observed at 4. 2000% ship's head \$6.46 46

Deviation of the Compass by Azimuth O observed at .. , ship's head

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

48 knots, tenths.

47 016 ,23 "A 17 05% 49 .91

47 .009.01 "A. 17 056.43 " 94.

47 011.17 . 4. 17 053 45 91.

47 028,00 " Jr

17 0 25, 12, 94.

24000.04.

2000.04 22000.4.

3 .00 .6.

400 gallons.

500 " 1000

2 tons, 920 lbs. 87 " 770

1			Lucia								1			-	1	
P. M.		100													100	
1	2	0	Hauldin	JUG. by €.	98.	2	30.	43 6	57	52	57	b.c.	cir. aum.	4	2	
				&. A &.	98. hg	2.3		436						4		
3	3	0			.0	3	30.4	436	0 57	52	57			4		
4	3	8	48.9	6.463/46.	9.96.	3	30.1	426	0 56	52	57	"		4		
			51.0	6.16/26.		3	1/2 30.							4		Į
6	5	0	55.4			3	1/2 30.									
7	5	0	60.4			4	1/2 30.	445	6 54	50	57			4		
			64.9	6.16	\$6. h, \$.	4	1/2 30.							4		Į
			68.3	6/2 N.	9. 90E.	4	/ 30.									
10	3	5	71.8	East		4	1 30.					10.00				l
11	3	8	75.6	6/49.	9.48	4.5	3/4 30.							3		i
			81.2		9. 48.	5	3/4 30.4								-	ı
		-							1		-					ı

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a M. Dair to cloudy bolm and light airs from I'd and E'd Smooth sea. Barmeter falling closely. By the wind on port tack under plane pail to toppgallant saile (eacept maineail) indice trysail and main toppmass staysail. Lieuterant Ch. J. M. From 4 to 8 a. On. Obeather fair Light aire to light beeze from E. N. 6. to E. by N. Baroneter neing. At 6.30 wor they setting migrar topmant stayonal By order of Commanding Officer Fullivan & a. (App set) was confined on quarter deek for one day on bread and water, for emoking Distilling. WBWhitelsey Lieutenant W. J. M. By the wind starboard tack and pleasant Light airs and breeze from East to FE by E.
By the wind starboard tack at 9.45 took in malin tryail at 9.36 had quarter for inspection and intensted apprentices are follows during friet period Pick Divier exall arms. French Divier horadewords, Third Divier wordeness and extracting up drill Provide Diviers, quinterly During broadwords, Third and aired apprentices bridging and a Diviers of vains were instructed in signals balos around Sun, also riving cluster from Fd. ashalale Greign U. J. M. From Merid to 4 9 M. Cloudy but fair wrather Eight to gentle breeze from 96. to 9.46. Steady barmeter. By the write on port tack . Oh 20 clock set anyels and flying jet. Exercised watch on deck at eigher and fuling each on monkey yard. Img surl from No. 6 by S. Dietellung. L. nome Eneign U.S.M. Oum 4 to 8 4 m. Fair and pleasant Gentle to moderate breeze from F. G. to F. By & Barometer steady then rieng. Fixing by the wind on starboard tack, under all said easily manusal and main trysal at 6.30 act broken trysal at 7.30 took in man field argale topgallant sails and flying jet By order of Commanding Officer released from emfinement on quarter bleek, & J. Fallorm, (app 8 &) From 8 P. Or. to Chid. Cloudy to fair and pleasant Bright standed to Morn rose about 11 30 Moderate to stiff hery from 8.5 E and 9 by E. By the would on port talk under plain sail to topsails (eacest mainsail) and main trysail end main and mygu topmast staysails. So, den by Qu. J. M. . approved 6.7. Strong Commander at 8 ch. Examined and found to be correct. . Lommanding Thomas Hyack Levetenant Cl. & P.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from Phewport R. S. to Southampton England.

	1	1	Reading		wind.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	of Clear in 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 16	Stateofthe
A. M.	46	2			•												
1	4	8	86.0	6/49.	9. ly 6.	5.6		1/2	30.45	55	54	51	55	b.c. q.	currainel.	3	8
2	5	0	91.0	6/2 J.	3. 36°	6								0.0.9		0	en.
3	5	3	96.3			6		1/2	30.43	55	55	51	56	b.c.g.		3	
4	6	0	102.3		,	6		1/2	30.43	55	54	51	56			3	
5	6	6	8.9	6.463/46.		6.		3/4	30.42	55	54	50	56	b.c	cum etias	43	
6	7	0	15.9			6		3/4	30.43	55	54	50	56			2	
7	7	3	23.2			6.7		3/4	30.43	55	54	51	56			2	
8	7	1	30.3	6. by N.	9. ly 6.	6.7		3/4	30.44	56	55	51	56			1	
9	5	9	36.2	& 4/4 g.	1	6		1/2	30.45	56	55	50	56			1	
10	5	4	41.5			6		3/4	30.46	56	22	51	56			2	
11	5	6	47.2			6		3/4	30.46	56	55	51	56		-	2	
Noon.	5	0	52.2			6		1	30.46	56	55	151	56			3	

117. 2 Dictauce by Log

Course and distance made good since preceding noon by observations, J 5/2 & 1/5 knots, tenths. 48 0 15 . 30 " 1. Latitude by D. R. Position at Noon : Longitude by D. R. 15 0 33 1 12 "04. Latitude by observations of O 48 0 20 '58 " N. 15 043 10 " 84. Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. from Norw Longitude by Observation O 48 004 30 " A. 15 . 58 200" QL. Position at 8 P. M. Latitude by D. B. from Now You. Observation O Current during the time. 1/3 knots tenths per hour, setting to the 450° % 48 040 ' 51 " N. 14 035 12 " %

( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head

Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, 350 gallons. 900

during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

																1
P. M.																
1	4	9	57.1	6/49	9 ly E.	67	1	30.46	56	55	51	56	b.c.	cum strel	2	m
2	6	0	63.1	East		67	1	30.46	56	55	51	56	0.0.9		0	
			69.2	€ 1/2 9.		6.7	1	30.45	56	55	51	56	b.c.g.		3	
4			76.0			6.7		30.44							2	
5	6	6	82.6			6.7		30.45							3	-
6	5	9	88.5		Pinth	6.7	1	30.45	56	55	51	56	,,	',	2	
			94.5	63/48.		5.7		30.45							3	
			99.6	E. by 9.		5.7		30.47					"		4	
9	5	5	5.1			54		30.49							4	
			10.2			5.7		30.50							6	
			14.6			5.7		30.50							4	
Mid.	4	0	18.6	€8/4 €		5.7		30.51							4	

1550

2 tons, 1720 lbs.

84 " 250

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and with 4 a. Th. Cheather cloudy, but pleasant with stiff to freel breeze from I. by E. to 9.9 E. Baroneta falling. At 1.20 eighted a bruger two points on stailored brief at adming to Oristored Fly by the would now stailored tack under all sail to topsaile racept the manuscal Distilling.

Leutenant Ol JOK.

From 4 to 8 0. 02.

Olandy. Fresh to very fresh breezes from \$ \$ \$ 6. to \$ by \$ 6. By the wind starbard tack . At 6.30 took ind main and shigger topenate starwails. At 6.30 took ind main and shigger topenate braining about No. both hull down standing to \$6d.

Out on presents braces. Thindy summer Moderate \$ 6. era. Cloude from South to \$ \$ \$ \$ Kundt \$ \$ \$ \$ and Ourne \$ \$ (App. 3.6) were placed on quarter door from hammocks to hammocks by order of Communing Ollier of line using tobaccs. Ros Ensign Q . F. W.

From 8 a. On to Oresid.

Colondy Fresh breeze from Fly E. Steady baroneter. By the wind on starbard tack making course E/4 I till 110 clock when course was elkning to E. by I Toad quarter at 9.30 and earried watch on deck at eignals. On change in sail. This tilling. Or orderate area.

In · Haure Ensign Ch. J. Ch.

Erom Presid to 4 P.M. Colondy wrather Fresh breeze with very fresh agralle from P. by G. Barometer steady there falling . Modelate sea . Steering by the word on starboard tack under topeacle forward jet, for topeach stayeard, main trysoil and aphilier . Destilling . Carrowed a squad of lippendice at eggals.

Lewtenant Q. J. a.

Barometer neing alook, By the world on etaboard tack until 7, or course E. by I rest of watch, under plain kail to topsalle except manual until 7, when called all hands and enight negled the topsalle. Leuteng Vi J. a.

O'um 8 G.M. to Shid. Pettleng. This by the sound on daming last half of watch. Fift been to moderate gale in equally from Forth. Baronete neing. All 10.30 hauld down the jet. I ind and see measuring. Destilling. This by the sound on darkness tack.

Wollhitchey

WBWhiteley Dientewant M. J. R.

Ragus Hegalt
Secretarial & & Navigation

OG of the UNITED STATES Phip Essla. Third Jake, Making passage from Presopert, a. S. to Southampton, England

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			the second	Sea
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cl. Sky, ill 10t	Stateofthe
A. M.	66	¥								1					1		
1	4	7	23.3	East	Fly E.	5.7		1	30.50	54	53	50	55	b.c.g.	cum strat	4	me
2	6	0	29.3	& /2 N.	9.46	5.7	-	1	30.50	54	54	50	55			4	
3	6	0	35.3	Gaet		5.7		1	30.50	54	54	50	55			6	
4	5	5	40.8	& 1/2 g.	9 h, E.	5.7		1	30.50	55	54	50	55			7	
5	5	1	45.9			6		1/2	30.51	55	54	50	55	b.c.		7	
6	6		51.9	& 3/4 g.		6		1/2	30.51	56	55	51	55		-	8	
7	5	7	57.6	E.lyf.		6		1/2	30.53	56	54	50	55			8	
8	4	6	62.2	.1	,	5.6		1/2	30.54	56	55	51	55		1	7	
9		6	67.8	Gast	9.98	5.6		1	30.55	56	22	51	55	b.c. 9.		5	
10	4		71.8			5-6		1	30.57	56	99	51	55	. 0.		5	1
11	4		76.0	614 N.		4-5			30.57						cir.cum	.5	
loon.	6	3	82.3	6 /2 N.		4-5			30.58							5	-

130.1 Dietau by Log. Course and distance made good since preceding noon by observations, Ju 63 6. 124 knots, tenths. 49 021 10 11 11. (Latitude by D. R. Position at Noon: { Longitude by D. R. 12 032 , 15 " 94. 49 016,08 " N. Latitude by observations of O 12 0 54 , 38 " 04. Longitude by chronometer from Forenoon Observations of O Position at S A. M. { Latitude by D. R. frow New Longitude by Observation 0 49 0 10 ,00 " 1. 13 0 11 , 48 94. Position at 8 P. M. { Latitude by D. R. Jam None | Longitude by Chimenetter from GM. observation 49.36.44" 1. 11 0 52 . 48 " 94. Current during the time, 0.62 knots tenths per hour, setting to the \$70.9. ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head variation used. (Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head 600 gallons. Water expended during the preceding 24 hours, Water distilled 1000 during the preceding 24 hours, 1950 Water remaining on hand fit for use at Noon, 2 tons, 620 lbs. Coal consumed during the preceding 24 hours,

	-							-							-	1	H
P. M.		-															4
1 .	1	-8	89.1	63/4 N.	f. 98.	5	1	30.60	56	54	50	55	b.c.	cir.am.	8	On	1
2	5	9	95.0	East		4.5	1	30.60	56	54	50	55			8		1
3	6	6	95.0	63/49.	9. by 6.	4-5	1	30.60	56	55	51	55			8	1.	1
		6		6. hy 9.	J. hg.	3.4	1/2	30.60	56	1.2	51	56			8		1
5	4	9	10.1			4	1	30.60	56	55	51	55			8		1
6	4	7	14.8	€ 129		4	1	30.61	56	55	51	55		. 0	9		1
7	4	4	19.5	6.149		4	1	30.63	56	55	51	55			8		ı
8	4	8	24.3	6/2 N.	3.98.	4	1	30.64	56	55	51	55					1
9	5	2	29.5	6.463/46.		4	1	30.65	55	55	51	55	b.e.w.		7	\$	1
10	4	8	34.3	8.18/28	98. 48.	4		30.67									-
11	4	7	39.0	,	. (	3-4		30.67							6		1
Mid.	4	6	43.6			4	1	30.68	54	54	51	55			7		1
1										CO.							ı

82 .. 676

Coal remaining on hand at Noon,

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commeweed and until 4 a. M. Clean cleaning from FEd. Ftiff to very fresh breeze from F.FE. and Fly E. By the unid starboard tack under enigh reflect toposite forward. for toposack staybail main trysail and expander. Distilling Light circus clouds from I H and later low cloud from Forth Bigh dawn berow Guthely and Hely surel. Man are as 12:20

RA. Lindale Greign M. J. M.

From 4 to 8 0. On.

Fair weather Fresh breezes from E by Phining barometer By the would on the atachrand tack at 4.30 above ref out of topsails and set jet. At 5.30 eighted as bargue brawing IE and standing to the Old Protecute sea. Destilling Emfined on quarter deek by order of Evandading Official, on broad and water the following apprentices 3th Class Thin Theach Old Buydan & De Week.

L. M. Kanne Ensign Q. S. R.

From 8 a. On to Overide.

Clear and pleasant Fresh to moderate been from 9.96 Barometer ring slowly. Oboderate eville from 98. Iterring by the word on the starbard tack under topplails foreail, jet, for topmast etayed! main trypal and spaker. At 8.15 ask toppallant sails, took them in at 9.00, and heart them agals at 11.15. Set muzic topmast atayears at 9.15. Cleaning ship.

Lewbenaut Q 49

Baronete rose first how steed, Moderate sea firm Fil. By the und on starboard tack. Under all sail to topgallant sails (eacept maineal and main topmast stayail) until 1.30 when set royal and flying jit. Comer to be made 6.96 until 2.30 when set royals dud flying jit. Comer to be made 6.96 until 2.30 when changed to 96 by 6/46.

From 4 to 8 P.M. Obeather clear and pleasant, with moderate been from The to 9.8 E. Barometer viewig. at 70 clock at main topment staysail; at 7.30 took in soyale and flying jit. This by the wind on starband tack.

Lindenant Co. S. 91

From 8 9.90 to Orid Choose Moderate to gentle been from F. 46 to F. by J. By the wind etailored tack. Or change in sail a way fair and pretty deeplay of Chothen lights observed. I more clouds from Proth during first part of weetch tought baroweter.

RD Lindale

Examined and found to be correct.

Players A. Galt ... & Ou.

Oh his man

Thip Essex Ourmord Q & to Sout,

Third Rate

	1	1	Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			lear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths	Stateofth
A. M. 1	61		47.7	&. NE 3/4 6.	96.ly 9.	3								be.w.	cum atias	7	g
2	3		51.2	6. by 4.	. 0	3			30.69							6	
3	2	4	53.6	6.463/46	•	2			30.69						-	6	1.
4	a,	0	54.5	6 JE1/26.		1-2			30.69							6	
5	1	5	Hauled in	E. 46.		1		1	30.69	54	52	49	54	b.c.	.	7	
6	1	5		U6. ly 6.	<b>9</b> 6	1		/	30.70	54	53	50	54			7	-
7		5		16. 1/26.		1			30.71						1	7	
8	,	0		.3V	\$6. h 6.	1		1/2	30.71	56	55	52	54		-	7	
9		8		9/2 94.	6.96	1.2		1/2	30.71	56	55	52	54		cir.cum.	6	
10	,				E. by 9.	1-2			30.71							7	
11		5				1-2			30.73							2.	
Noon.						1-2			30.74							4	

100	on. 1 8				1		1		
	85 4 Distance	ly fra							
	Course and distance	e made good since precedir	ng noon by observations,	158-6	74	knots,	tenths.		
		(Latitude by D. R.			49	o 56	32 " N.		
		Longitude by D. R.							
	Position at Noon:	Latitude by observations	of O		49	1 054.	37 " N.		
	1.	Longitude by chronometer		vations of O		0161			
		Congresse of the land	- America		5	0 0 02	02" N.		
	Position at 8 A. M.	Latitude by D. R. from	O			0 /2 1			
		(Longitude by	1.			9 0 49 1			
	Position at 8 P. M.	Latitude by D. R. fund Longitude by Chrone	o word			101112			
-		(Longitude by Gummu	ter fine U.M. Ok	dewatum 0		0 11 . 2	16 " W.		
	Current during the	time, ·/ 2 knots	tenths per hour, setting	to the J4	6-4.	- 1-1	n/		
-	Error of the Compa	ass by Azimuth O observed	at 4.20 P. Ship's hea	id 504.7		50 45			
1	Deviation of the Co	ompass by Azimuth O obse	rved at 4.200 ., ship's	head	,	045.	6.	variation used, 240	0
(		ss by Azimuth O observed				0 '			
	Deviation of the Co	ompass by Azimuth O obse	rved at , ship's	head		0 1		variation used, o	
		ring the preceding 24 hour				350	gallons.		
	Water dutil		preceding 24 hours,			1000			
		n hand fit for use at Noon,				2600	, "		
		ing the preceding 24 hours,			2	tons, 760	lbs.		
						. 2156			
	Coal remaining on l	nanu at Noon,							

-																-	H
P. M.																	H
1	1	6	Harld in	The Ol. 1/2 Ol.	6.98	1-2	1/2	30.74	55	54	51	55	b.c.	cir.cum	. 5	9.	
2	1	2		4.501.	96. ly 6.	1-2		30.74						1.	5		4
				9901.1281.	96.	1		30.73								1.	4
				991. ly 9.		1		30.73							5	-	4
		2		Fre.	,	1-0							b.o.m.		7	-	1
		1				1-0		30.73							8		1
		0		To otervanuan	Qualle	0-1		30.73							7		1
		0		To steerageway		0-1		30.74							14	-	1
1 2		0			98 6 9	0-1		30.74							7		1
100		7		FOI L, OI 1/4 OI FOI L, OI 1/4 OI	92.3	0-1		30.75									ı
		7		fa h a 4 et.	7	0-1		30.76									İ
		5		89. GOL 1/4 04.		0-1							b. m.	none			ı
				7				,									ı

# Commander E. T. Strong Sunday, May 3

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Commenced and until 4 a M. Clear and fine with heavy dear Gentle to light heeze from \$6. by F. Fready barmeter. By the wind on starband track under all sail to topgalland sails reached the mamines Othern were at 10 clock. At 3.30 houled in patent log reading 54.5. At 3.50 eighted as steamer braining East standing to Old Distilling. I month sea

The Variety & J. R.

Drum 4 to 8 a. M.

Clear and pleasant. Sight airs to light bress from 96 by 9. to 96 by 6. To 96 by 6. To 96 by 6. Baronstor rieng. Itering by the wind on starbrand tack under all sail to topgallant early except manisail at 7. 45 work skip. The German steams Orinchen covered the brow at 4.30 standing to the Old. A large steams in sight standing to the Old. and a sail standing to the Gld. By oder of boundarding Officer enfued 9. R. Ramt. Oa Bolle 9 b. Bughan and Is G. Frient lippuntices 3 class to limite of quarter duck on brack and water for as day, officer viving tobases.

J. K. Jordan Lieutewant On J. M.

From 8 a. On to Maid.

Elea to fair and pleavant. Light air to light bring fem 6.96, and 6.by 9. Barmete new Gement pea By the unit on port tack under all pail to topgallant paile, ealest maineail. Parted served stranger from to the Vectorard. At 9.45 mustered and suspected crowd quarter Formed magneter deck for muster and read active for the Better dominant of the Creny Keld general muster. At 10.45 Commanding Officer held Dione Server as quarter deck.

Sientraget Qu. & M.

From it to 8 0.00.
Clear to cloudy balme light Foly aris and variable light aire On the part tack with 7.30 when bracked around to a "cate Grav", and waring ship at end of write at +15 took in main and mugger topmast stayearly. Priety to fifth barmeter.

Chickale

Phis Lale

From 8 P. On. to Orid.

Gair and pleasant Hazy around housen balow to light aris from 45. by 4. to
4 by 5. Barrowster riving slowly. Finished wraning ship and at 8.45-hauted drow jet Finished
dettilling and let fine die At. By the wind of post tack. Immorth sea.

L. m. named Ensign Q. J. M.

Examined and found to be correct,

Rayurs Healt Livet M. S. Ch. Navigator

# OG of the UNITED STATES Ship Essex Phird Rate, Making passage from Plewport, R.S. to Frithampton England.

		1	Reading		WIND.				BARO	METE	ER. TE	MPERA	TURE.	State of	Forms of	lear whs.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Heigh in inch	t Ti	her. Dry	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M. 1		0 5	Cauldin	Or. FOU.	Aly &	0-1			30.7	6 8	5 5	450	29-	b.m.	none	10	8.
		5			(	0-1			30.7	65	5 5	451	55			10	"
	0	5				0-1			30.7	65	5 5	4 51	55			10	
		5				0-1					55 5				-	10	
		0		9.30	Calm	0					5 5				cum.		
		5		OL 904.	gh6.	0-1					6 5					9	
	0			9.50	98.2, 8.	0-1		,			6 5				-		
	0		-	0.00	7	U-1					8 56					9	
	0	5		J. h. 91.		0-1					59 5					9	
10		5-		J. 901.		0-1					0 5				1	1	
		5		F. L. W.		0-1					15				cir cum	1	
Noon.				To steerageway	Calm	0					60 5					8	

Course and distance	e made good since preceding noon by observations, \$29.94.	6 knots, tenths.
	(Latitude by D. R.	49 °45 '07 " N
	Longitude by D. R.	11 025 28 "04
Position at Noon:	Longitude by D. R.  Latitude by observations of ⊙	49 °49 '02 " N
	Longitude by chronometer from Forenoon Observations of O	11 021 '04 " 4.
	Latitude by A. R. Louis Nome	49 ° 45' 38" N
Position at 8 A. M.	Latitude by D. R. fund Nome Longitude by Brewatin o	11 020 54" %.
	S a l	

Position at 8 P. M. { Latitude by D. R. Jum Normal Longitude by D. R. Jum Normal 11 ° 21 '.04 " Q1. Current during the time, 0. 22 knots tenths per hour, setting to the & 356.

(Error of the Compass by Azimuth @ observed at 7.30 Q. M., ship's head 9 3/4 94 Deviation of the Compass by Azimuth O observed at .. , ship's head | Error of the Compass by Azimuth @ observed at # 31 PM, ship's head 9914 \$

Deviation of the Compass by Azimuth O observed at ,. , ship's head ,. Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

220 15.01 variation used, 220 36 .9

24 000 04. 1 . 30 . 84. variation used 22 030 19 350 gallons.

350 " 2600 "

0 0 15 6.

tons, /200 lbs. 79 " 956 "

	P. M.																	
-	1	0	1	Haule	99 CU.	98. ly 6.	1-0	3	30.75	59	58	55	56	d.c.m.	cum, sta	8	9	
	2	•	1	1			1-0		30.73							8	-	
	3	0	D		The steerageway	balm	0		30.73				1			7		
	4	0	0		. 0 /	.,	0	1	30.72	62	62	57	56	9		6		
	5	0	0				0	1	30.71	61	61	57	56			5		
	6	0	0				0		30.71						.,	5		
	1	0	0				0		30.71							6		
	8	0	0	1.		3.V.S	0-/		30.72							4		
	9	1	0		96. ly & 126.	J. N.E.	1							to.o.m.w		7	-	
	10	1	2		1		1		30.73							7		
							1		30.73						,	7		
	Mid.	2	0	-			1-2		30.73							6		
									1	1								

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until & a. Gr. Pleasant and hazy. Calow and light of Ely, air Barometer steady, then falling. Pour topsall sea. Fleering by the unid on the port talk under topgallant sailer typeals forward for topmart starpart main trysail and eparker. Thom were at 2.05

& Lieutenant Ob J. Dr.

Fix and Ed. Barometer steady. Formoth sear By the wind on port tack study plain pail to toppallout and sail (except jet and mainsail) and shain trysail. At 5 10 took in main trysail. At 6. est ryale, flying jet main and mujou topmast etaysails and mainsail.

Sevenant Qu. J. M.

From 8 a. On to Cheather clear and pleasant. Calm to light air from 96 by 9 Barometer steady at 8.30 eighted a scaling oracle to the Prestired at 9.30 mustered crew at quadre and exercised as follows: I make durism, instruction at eighting and firing conall arms; Origh durism cetting upmidometram; Elendo division, cetting up earleiver; Third durism cuigle eticks. Head economic prostruction for all divisions during 2th period Barled down the git and flying gib during quarters. This by the winds on part tack, no steer agency last home of watch

WBWhitestory Lewtenant M. J. 91

From Pheid. to 4 P.M.
Clear, but miety around brouger; plearant mather. Generally calm orequirely light I Ely and first half of water Bu the year tack; no sternogenery last two hours. Tighted if steamely, 3 no starboad but and atarband quarter having aloast the North respectively, standing 6966. Instructed part of the appointees on the compass at 345 hauled up the conservant took in main and miggin topmach staysails and equaler.

R.S. Tiodale

Ensuge & J. C. .

Barometer nearly strady. And trysall trigallant barter ball hight holy air near end of watch.
Barometer nearly strady. And trysall trigallant barter and first togenest staysails. A 30 excremed at religing topsails and fulled rayels. At 5.40 pailed Hamburg live steamer and of 5.45 each angul distinguishing letters with Chilen live steamer Michigan dud made No. C. S. steams assured D. then made R. J. A 7.40 est concess and aparker. For the sea.

Enign Qu'I. P.

From \$ 9.90. to Mid. Pleasant and bazy, cleaning latter part of until Eight air to light bregge from A. N. & Barometre steady. Fourth sea. Filening a court 95 by 5126 under equal sail to toppallant sails, for topman staysails and expander. At 10-30 set jet, main and mygin topman staysails.

Examined and found to be correct.

Roger H. Seitewart Q. S. A. Seitewart Q. S. A. Seitewart Q. S. A. Savigator

68.0

71.0

Noon. 3 3

variation used,

LOG of the UNITED STATES Thip Essex. There Rate, Making passage from Newport, R.D. to Fouthampton, England. COURSES STEERED by Standard Compass. Direction by Standard Compass. J. N. E. ly N. N. E. ly E. 30.7256 56 54 55 b.c.m.w. cir.cum. 8 96. ly 6/26 8 57.2 30.71 56 56 54 55 0 57.7 96 ly 6. 1 30.71 56 56 54 55 5 Healed in 1 30.71 56 55 53 55 1/2 30.7 1 56 55 53 55 be.m. 86. ly 6/26. NE. ly N. 1/2 30.71 56 55 53 55 6 57.7 strat. N.N.6. 1/2 30.71 56 56 54 55 60.2 2 5 1/2 30.7156 56 54 55 698. 0 62.2 NE. by N. 2 4 63.6 1 30.7157 56 54 55 14 30.69 57 57 54 55 0 65.5 3

14 30.69 57 57 54 55

14 30.69 58 57 54 56

34.7 Datane	y fra	
Course and distance	e made good since preceding noon by observations, 17126.	28 knots, tenths.
	Latitude by D. R.	49 040,32 "N.
		10 . 28. 04 94.
Position at Noon:	Longitude by D. R.  Latitude by observations of ©	49 0 29 , 24 1.
	Longitude by chronometer from Forenoon Observations of ⊙	10 039,51 04.
		49°44'18 " N.
Position at 8 A. M.	(Latitude by D.R. from None Longitude by Obstituation O	10 055 44 " 94.
	(Latitude by D. R. fund Nom	49037.06" N.
Position at 8 P. M.	Latitude by D. R. Jum Norm  Longitude by Chemometer Jum P.M. Observation 0	9 031 ,51 ,00.

N. N. 6.

7 001 01 00.
•
0 ,
0
0 ,
350 gallons.
2250 "
tons, 900 lbs.
79 " 56 "

						and the same									400	
P. M.															100	
1 3	2	74:2	6.98.	1.16.	3	1/4	30.68	57	57	55	56	b.c.m.	cum strat	2	9	
1 3 1 2 3	7	75.3	6.96. 96.by 6.3/46.		3		30.67	57	57	55	56			3		
		85.0	96. ly 6. 3/4 6.		4		30.66							3	-	
1 6	1	91.1			4.		30.65							3		
5 6	6	97.7	6.98.		4		30.63	56	56	54	56		1	3		H
6 7	,	4.8			4-5		30.63	56	56	54	56	4				
		11.8		No.ly A	45		30.63	56	56	54	56		cir.	4		4
		17.9			4		30.62	56	55	54	55			4		A
		23.0			4	1/2	30.61	56	55	54	55			3		
		27.4			3-4	1/2	30.60	56	56	54	55		-	2		4
11 3					3	1/2	30.59	56	56	54	55			1		4
Mid. 3					3		30.58							1		1

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and until 4 a M blear to fair hazy and damp Fight breeze from I'd and Ed. Barometer falling clouds Fromth sea. Fitning course FE by E 126. first half, by the unid on pent tack back half Cluder plain earl to topgallant early and main and muzzur topmark staysails. Chrom nove alout 2.30.

The by A. to N. No. Barrenter steady at 430 set royale and flying jet at 400 eighted a strander me point on post greater standing to the Eastward Honorid Colors and returned dip of Areman steamer. At 70 clock changed course to 6.36. By order of Insuranding Officer the following apprentices 3 class were confined on the quarter dick or broad and water for neurong tobacci. O. Brady R. P. Dertalt F. B. Rambr, and D. F. Brughow. At 6.00, Just own paties by refutering

"Bu Lewtenant Q. J. M.

Firm 8 a. M. to Merid.

Current & Jo Chady miety first three hours Light to greatle breeze from N6 by N. to N. N6.

Que come & Jo Cyc.) At 9 to had guartere for muster and inspection Operations was instructed as follows: 14 period; 14 Division setting up and engle oticks; 2 Division setting up and small amos; 3nd Division setting up, servbrus and symmetry institution; Condew Division amind dull 2 de period.

all Division in seamously, search of Division in signals. By order of Communicing Officer placed Boys, J. G. (App 3 de cl.) in solitary confusion, on breast and water for four days; office sumating in a slop poil on both deak and observeful in manner to Officer of that I to the sendings with Thomas Machine as fellows: as 9 to in 93 feetbooks, fine grey early black and white spicks; at Tom in 95 fethous, fine grey sound, white and yellow spicele arched clouds to be Ord, at each of watch Desired magazine flood excess and found them in working order.

Ref. Lale

Energy (N. J. R.

Prior Pheid to 4 G.M.

Clady but pleasant Isentle to moderate briese from N. N.E. Barmeter falling about a General concerts following about the property of the concerts of the control of

From 4 to 8 PM.

Steady and hay around borryon Products to stiff been from A N. Es to N. E. by S. Baronster steady, then falling. Imvold bear Frening a conce S. 36. under all sail to royal, except main trypaid at 7.50 took in and field royale and flying jet. At 7.00 released from confusement on quarter deck, the appunition confused there; exquation of kentime.

Frame & P. G. to Onid.

Bain to cloudy and alighthy hapy I sentle to moderate bridge from NE. by A. Barometre falling

Examined and found to be correct. along Grundle sea. Thereing concer & 16 under all said to toppallant sails example main

typics.

Roger Hyalt Lieutenant On 9 ON.

Plangator.

Coal remaining on hand at Noon,

Third Rate,

LOG of the UNITED STATES Ship Essex. Third Making passage from Prewport R. I. to Southampton, England. A. M. 43 6 6.96. N. 8. 8. N. 12 30.57 56 56 54 55 b.c.w. cummit. 2 9 36.9 129 6.96 46 1230.56 56 56 54 55 2 3 0 2 39.9 1430.55 56 555455 3 43.7 3 1430.54 56 55 54 55 3 47.3 1430.53 56 56 5455 b.c.m. 3 50.9 3-4 1/4 30.53 56 56 54 55 . 6 4 3 55.3 strat. 14 3051 56 57 55 55 3-4 7 50 60.2 3 16. by 1. 3 8/4 30.50 56 57 55 55 3 65.9 4 3 69.6 1430.49 58 57 56 55 9 4 0 96. 6.6146. 16 3.4 10 5 2 74.8 14 30.49 57 57 55 55 1430.49 56,57 55 55 11 5 7 96446 5 80.5 6.46. Noon. 6 5 87.0 9.9666. 5 1230.47 57 57 55 6 116.9 Distance by Ly Course and distance made good since preceding noon by observations, \$77:6. //6 knots, tenths. 49 022 ,24 " 1. (Latitude by D. R. 7 050 , 21 " 04

Longitude by D. R. Position at Noon Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at S A. M. Latitude by D. R. from Some Longitude by Observation O Position at 8 P. M. Latitude by D. R. from Non Longitude by Chronenter from J. Mr. observation of the Current during the time, /3 knots tenths per hour, setting to the \$9.6. ( Error of the Compass by Azimuth @ observed at 4209, ship's head & It&. Deviation of the Compass by Azimuth O observed at ... , ship's head ... ( Error of the Compass by Azimuth @ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

490 45 43" N. 8 ° 02' 27" Or. 18.00 10 variation used, 200 00 , 9 200.6. 0 , variation used, 350 gallons. 1900 "

490 14 . 32 " N. 7052 11 "94.

49° 35' 45" N. 80 12, 10 " 91

tons, 800 lbs.

78 .. 1496 "

P. M. 9. ly E. Gast 1/2 30.46 57 57 55 55 b.o.m. circum 5 92.8 5.6 JU 0/2 & 6. ly 1. 2 5 0 98.6 5.6 1/2 30.47 57 56 54 55 5.0 5.7 1 30.47 57 56 54 55 N by &. 12.0 6.7 4 0 1 30.49 56 56 54 55 5 60 1.46. 6. hy 9. 18.0 1 30.51 56 35 52 55 N.NE3/46. 5 0 23. 0 1 30.53 55 34 51 55 5 1.16/46. 7 4 1 27.1 5 1 30.54 55 54 51 65 8 4 6 1 30.56 56 54 51 55 31.7 5 16. by A. 1 30.56 56 54 51 55 8.56 10 7-8.NE 3 2 3057 56 54 51 55 35.8 11 / 0 2.3 2 30.87 56 54 51 55 98. by 9. O Stuled in 3 1 30.55 55 55 52 55

# Commander E. T. Strong Obednesday May &

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and reutil 4 a. M. .

Operather cloudy but pleasant with light to gentle breeze from N.E. by I to N. N.E. Barometer falling almost and changed contex to E. F.E. 14 E. at 8.45- art abjace and flying jit This ruder all bail easept main thyrail, atering a consecutive section.

WBWhitelorg Sientenant Ob. F. R.

From 4 to 8 a. M. Grown 4 to 8 W. M. Sutte and moderate breeze from N. N. E. and N. E. by N. On conse E. F. E. (fc) under all pail eacypt main trysail. B. order of the Commanding Officer the following appendicion were placed on the quarter dela on bread and water from haumarities to haumarities; of fuse, neing tobaces Lites, Ramfo, C. Pholy, R. E. Lughau, J. Breunrob E. Johnston ob Ourne A. S. Thoridus and G. Suydar. Munker of each and stramme in eight during witch, standing to Ed. Smorth sea at 8, got each with Thomas someting machine in 75 fathers, bottom free grey sand and broken shell.

PA Sindale

From 8 a. On to Thered.

6 londy and hayy Sently to stiff breey from N6 by N. to E. N6. Barometer falling last hour. By the wind on part tack under all pail early main trysal, making conse E. 98 1/4 E. first hour. Had quarters at 9.30 and inspected bags. Fighted a much of filling brate and other earling wrester.

8 No. No. 10.60.

Ensign U. S. M.

Clearant and hazy around horyin. Tiff to truy fuch breeze from Each to E. by A. Barmeter sining. From issuing thereing by the wind runder all buil to waste easept main trysail. At 1.00 wors ship. At 1.15 took in nagle and flying jit. At 3.30 took in topgallant early The ship obserts passed close about bound to The ship obserts in eight during watch both a cost with arounding machine at 1.00, in 75 fatherer hard bottom. From Grenid to 4 P.M.

Lieutenant Ch. J. Ch.

From 4 to 8 990 Pair and cook. Once to stiff breen from E. by S. Barmeter nining. Moderate chappy near. By the unid on starband tack under all sail to topsally earest main trypical Concer to the made to by S.

From 8 P.M. to Phid.

Oberther fair clouding one at times. Eight to moderate brees from 6 by 9 to 6. No . No . Ot 8. 30 took arounding in 47 fathous water, going sand. At 9. 20 wore ship, observed draw the git to ease a strong lee helm. Ferral fishing weeks in sight. Passed a fishermasi brong thip by the wind on post tack at end of water.

Deutenant Or 9 0

Examined and found to be correct,

My N. Galt Q. J. 91. Navigation

LOG of the United States Ship Essex. Third Rate, Making passage from Newport R. D. to Southampton England.

1000			00	4 0						40000	San Park	_		V		10000	
			Reading		WIND.				BAROMI				TURE.			Clear 10ths.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	State of the St
A. M	50	9															
1	2	5	Hauledi	. 96·/29.	6.16.	4		1/2	30.55	55	55	52	55	b.c.m.	cum strat	6	8
2	2	8		\$6.	NE. h 6.	4-5		1/2	30.54	55	55	52	55	b.c.m. 9		8	
3	3		37.5	96/49		4-5		11/2	30.54	55	55	52	55			7	
	2	9	40.4	96. L.F.	S. NE.	4-5		11/2	30.54	55	55	52	55			6	
5	3	6	44.0	9.3%.	Elyst	4								b.c.m.		4	
6	3	7	47.7		1	5			30,55							4	
7	4	1	51.8			5			30.56							5	
8	7	+	54.2	9.96/26.		5			30.56						civ.	8	
	3			9.96/46	7	5			30.56						Cum. Buan	1	1
9		4	57.6	9.86/26.		5			30.56							6	
10	3	6	61.2	J. 76 /26.		5										6	
11	4	2	65.4	9.9646	21.2				30.55							6	
Noon.	4	. 2	69.6	J.86746.	6.46.	5		/	30.55	66	36	33	55			1	-
-	0.1		~			11	-		-						-		
			Distance			2	1		.0								
	Cours	se and		nade good since precedin	g noon by observation	s, wa	st		19	kno			enths.				
			1	Latitude by D. R.					4	1			"1				
	Positi	on at	Noon:	ongitude by D. R.					7				9				
	Colt		1	atitude by observations	of O				4		-		"				
			,	ongitude by chronomete		rvation	s of G			1 0	32	, 58	6	ł			
			(1	atitude by & le line	Now				i	90	26	57	" "	N			

Position at 8 A. M. Longitude by Observation O 7 041 23 11 24. Position at 8 P. M. { Latitude by D. R. find None Constitute by Chemometic from In observation o 48059.48 " W. 7 008 , 45 , 04. knots 3 tenths per hour, setting to the 1170:94. Current during the time,

Error of the Compass by Azimuth @ observed at 70 m., ship's head 9.96. 19.30.04. 0 0 30 6 , ship's head " variation used, 200 00 ,9 Deviation of the Compass by Azimuth O observed at " ( Error of the Compass by Azimuth @ observed at , ship's head

1550

tons, -

Deviation of the Compass by Azimuth O observed at 350 gallons.

Water expended during the preceding 24 hours, during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

78.1496 " Coal remaining on hand at Noon,

P.M.  1 8 6 73.2 \$\frac{1}{6}\$.																		а
1 8 6 73.2 \$\frac{4}{5}.\$ \\ NE. by E.	P. M.																	ı
2 4 0 77.2 \$\frac{1}{2}\text{.}\$ \frac{1}{2}\text{.}\$ \frac{1}{2}.		3	6	73.2	£.	116.46	4	1/2	30.55	56	56	53	55	b.c.m.	cum etra	6	g.	I
3 4 0 81.2					96/29	&. Si &.	4	1/2	30.55	56	58	56	55			5	1.	ı
4 3 9 8 5 1 \$ 6 3 4 9 4 1/2 30.51 5 6 5 9 5 6 5																		ı
5 4 9 90.0 \$\frac{9}{6}.6.6.9\frac{9}{10}.6.6.6.9\frac{9}{10}.6.6.6.9\frac{9}{10}.6.6.6.9\frac{9}{10}.6.6.6.9\frac{9}{10}.6.6.6.9\frac{9}{10}.6.6.9\frac{9}{10}.6.6.9\frac{9}{10}.6.6.9\frac{9}{10}.6.79																		l
6 6 6 9 16 9 1 6 1 6 1 6 1 6 1 6 1 6 1 6																		
5 6 3.8 4 55 55 53 55 4 5 6 30.47 55 55 53 55 4 5 6 30.47 55 54 53 55 6																		
8 7 1 10.7 " - 5.6 1 30.47 55 54 53 55 " - 4 " 9 6 7 17.4 N/2 6 - 5 1 30.49 55 54 52 55 b.e.m.cor . 6 - 10 5 6 23.0	7	5	5	3. 5		- 19												
9 6 7 17.4 N/LE . 5 1 30.49 55 54 52 55 loom.co. 6 - 10 5 6 23.0 . 5 1 30.49 55 54 53 55																		
10 5 6 23.0 5 1 30.49 55 54 53 55 5 - 11 6 7 29.7 5 1 30.49 55 54 58 55 cum stat 5					11/26.													
11 6 7 29.7 5 / 30.49 55 54 58 55 cum start 5													-					
									7									

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M.

Estan and until # W. M. Clear and cool. I moky around Eastern boujon Moderate E. Noly breeze By the wind under all earl to topeable eacept jet and main trysail. Fights two steamed standing to Ed. during first and leat hours, and lights of extral fishing vessels. Eight tily kurll But on pount log at 2.15, reading 35 8 P. S. S. S. All Sale Ensign Oh. J. M.

Chrone 4 to 8 a. On

Chave and fine. Ovoderate to stiff breen from 6. 16. to 6 by b Barmeter meing alroby. By the unid on the first tack under all each to trepraile except the man trysal and jib. At Bo clock each topgallant early. By order of Commanding Officer confined on quarter duck on bread and water the following apprentice: Bollo Mil. Stuart I sell. Rudd at B. Orholy 6. (No English & Sughau & S. O. Orholy 6.) Throaden At 6. officer range to such the Sughau of the Original of the sugh and water presence. It of animaling at 8.0 clock in 81 fatherer, guy and yellow and with that specks. Tighted steamer on few ham, standing to 6d.

Theree I. m. name Ensign Q J.M.

From 8 a. M. to Merid

Them 8 a. M. to Cherid.

Clear and pleasant. Itiff breeze from 6 by N. to 6 No. Barmeter steady them falling alonely. Invoid sea. Iterang by the unid on port tack under all sail to topgallant saile steeps jit and make trysail. At 10.00 as jil. At 9.30 inepected at quartere Easerveied 1st Dinsim, great gung, in acting up and anigh attack: 3rd, atting up and gunnery untrustem: Produce, gunny untrustem and arefuling diell. Aird bridge 3rd a cash of the lead at 9.25, in be fathome, british grey and and broken shell. The area of the lead at 9.25, in be fathome, british and broken shell. There are 11.10 in 68 fathome british fine grey and, below and, black aspected and broken shell. There are in eight during watch. A Orience july brat passed aboving Satude on a black board 49°15.4.

From Therid to 4 P. M.

Dair and hazy Moderate brey from HE by & and & NE Barometer falling. I morth sea By the unit on part tack under all soil to top galant soils, eacept main tryical. Connect to made 76. by & 12 & until 12.45 when changed to Each. At 40 called away all brate armed and equipple for dictant services By order of the Commanding Officer. Manine Anderen (Eas) was cafined to the total deck in dubb now for 3 days, offend: sticking another person in the Ray.

Grow 4 to 8 P. 9r

Chather fair Moderate, univaring to fresh breeze from E. N.E. to E. by A. Barmeter falling. At 450 took a capter in be fathome water, with caudy bottom. At 50 clook a ighted as seamer a standard bram, standard to NOT and a sail on the port questor. At 6 45 work alip I have appointed confined on quarter dear, we released at hammocks.

WBWhitelery Desitement 91.9.91.

Examined and found to be correct change in said Producte Note, surlland use. PA die del Oby will and wa. RA Six hele More It. Guest Energy Oh & Ch. Lexitenant M. S. M. Navigator

Third Rate,

variation used, 20000 , 2

variation used,

LOG of the UNITED STATES Ship Essler, This Making passage from Previous R. S. to Southampton, England.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			lear ths.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	0
. M.		9	42.0	Ju. 1/2 6.	6. ly N	4-5								b.o.	cum stra	8	9
			47.8		1	4-5		1/2	30.47	56	54	53	55			4	
3	6	2	54.0	Je by 6.	East	5			30.47						-	5	
4	6	1	60.1	N hy 61/26.	6. ly 9.	4		3/4	30.47	56	55	53	55			4	
			661	N. JE 146.		4		1	30.47	56	55	53	55	be.m.			
			70.7		6.86.	3-4		1	30.48	56	55	53	55			7	
			76.5	1.16/26.		4		1	30.49	55	55	53	55			6	-
	5		81.6	J. J 63/46.	7	4			30.48							7	
9	0	4	80.8	Finth	6. ly 9.	3.4		1	30.49	57	56	54	56			6	
10		0		9/26.		3			30.47							3	
	3	6		93/46.		4			30.47					"		2	
			99.2	Linth		4			30.47							1	
			1														

Course and distance made good since preceding noon by observations, A 12º 6. 33 knots, tenths. 49 043,48 .. 1. Latitude by D. R. 7 038,29.124. Longitude by D. R. Position at Noon : Latitude by observations of O 49 0 48 , 21 " 1. 7 022 , 30 " (24. Longitude by chronometer from Forenoon Observations of O Latitude by D. M. from Nome Longitude by Observation 0 49 0 59 100 " M. 7 . 27 . 59 " 04. Position at 8 P. M. (Latitude by D. B. Jenn Norm Longitude by Chemometer Jum Con. Observation O 49 0 34 15 " 1. 6 0 32 , 38 " 04. Current during the time, 0.46 knots tenths per hour, setting to the \$66.86.

Error of the Compass by Azimuth @ observed at 6.50 a.w., ship's head J. A & 5/8 &. 160 30 . 94 3 - 30 6 Deviation of the Compass by Azimuth O observed at .. , ship's head

( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

during the preceding 24 hours,

1100 4 tons, 1920 lbs 74 " 10

#50 gallons.

																		1	ı
1	P. M.																		ı
	1	4	8	4.0	Forth	6. ly 9.	4		1	30.47	54	54	53	56	b.o.m.	cum stal	4	gn.	ı
				9.6	Finith "		5			30.44								1000	ı
	3	5	4	15.0			5		1	30.42	54	54	53	55			5		ı
	4	4	4	19.4	9 4 6.	East	5		1	30.40	55	55	53	55		1	4		
	5	2	8	19.4	9. ly 6.	East "	5			30.39	56	56	54	55			6		
				28.8	6/49		5			30.37	56	56	54	55			6		
				34.7			5			30.38									
	8	7	0	41.7		6. ly 1.	5			30.38							8		
	9	4	8	46.5		& UE.	3	-							bom.w.				Á
	10	5	7	52.2			3			30.37	56	56	54	55		20 765			
				58.1	,,		3			30.37									-
				63.7		6.2	2			30.37							#		
							1			1									

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Cloudy pleasant wrather. Moderate to stiff brey from & by N. to E. by S. Strady barometer. By the winds on starband track, under all sail to topgallant early earyst the main typaid Passed serval fishing brate and other sails. The with asa. On on now 1.246.

Eusign OL F. 91

Own 4 to 8 a. M. .

Pleasant wrather hazy around horizon. Sentle to moderate been from 5 by 9.

to 6.96. Baronter vieing then falling. I morth sea Teering by the wind on starband talk under all plane acid to topgallant sally eacept main tripal. At 8.00 were ahip Ferrial sail in night at 4.20 get a principly in 65 fathmer, bottom mud and five said; at 7.00, anothering 55 fathous, bottom modern for said. By order of bommauding Officer enfued on quarter deek, on brad and water from hausenite to hausenite 9.0 haut (app. 3el) I see 9. Stuart (app. 3el) Oh a Bille (app. 3el) 5. Otholy (app. 3el) and R. P. De Kall (app 3cl), offene: amoking - emuggling food to puener.

Deutenant Ch & R

From 8 a. On. to Merid

First half, then steady . Smooth sea. By the wind on gent tack under all each to topgallant sails each main tryail at 10 40 10 hand of an an an an analy care main tryail at 10 40 10 hand of 30 mustud and imported at aparties. At 9.36.16 wint to Secund Suntan rady. After I order during 9.37.33, I wind 9.37.55 First 9.38.15, Pangator, 9.38.18, Poment Power, 9.38.18, Second, 9.38.18, Second, 9.38.18, Second Power

Leuterant a. 4 a. From Oreid to 4 P.On.

Charles cludy. Operduct to stiff been from 6 by 9 to Each Baroneter falling at 12.30 started from under brilen A B and D Feel down royal yards. Bent the brown chance at 3.40 libre to while coughing the propeller, filing away again at 3.50. Hely by the wind on york tack. I send clothing and could store small store.

WBWhitelory Dientenant Q. J. M.

General Com. to 8 P. D. Con and cool. Fiff begin from Each and E. by N. At 4, started about under stram. Called all hundr and forther party making course E/4 F. at 4.20 patent log 20.5. At 6.30 such down topgallant master. Moderate Ely surle. Corrage stram present 55 lb. andge revolutions 40.

Eusign Qu. J. Or.

From 8 P. M. to Chie.

Cloudy and hay. I sutle to light breze from E by N. to E. NE. I tready barometer.

Ou crue E 14 I under stam about till 9.30 when set for topmael stayeast, main trysail and expenter

Large number of fishing brate in eight. It soundings at 9.30 in 58 fathme; at 110 clock in 53 fethmer,

and 120 clock 52 fathmer, early and chelle. Arrange stame presence 55 lbs. Revolutions 37.

Examined and found to be correct.

I. m' nanne Guerge Ql. J. Dr.

Rogers N. Galt.

LOG of the UNITED STATES Ship Essex. Phird Making passage from Presupert, R.S. to Southampton, England.

			0	4 0						1							
			Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.				BAROMETER.		TEMPERATURE.			State of		lear ths.	8
Hour.	Knots.	Tenths.			Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.	5	5	69.2	&:/4 <del>9</del> .	&. by st.	,			30.35	56	56	54	55	b.c.m.w.	cum etal	6	4
2		100	74.2		1	2			30.35							7	
3	5	4	79.8		•	3			30.35	-57	56	54	55	_		7	
1	54,	4	85.2	6.14.4	,	3			30.35							8	
5	7	0	90.5	3,7	•	3			30.35						-	6	
6	4	0	94.5	6.48848		5			30.36						,,	6	
7	3	9	98.5			4.5			30.39							5	
8	3	6	2.1	<b>₩</b> 6.		4-5			30.37							2	
9	5	3	7.4			4.5			30.37	56	54	52	54			6	
10	5	2	12.6	6/49	Gast .	4-5			30.37	56	54	52	54			4	
111	5.	2	17.8	€ 3/4 8		4-5			30.37	58	59	56	54			3	
Noon.	4	9	22.7	6/18		4-5			30.35	59	59	56	54			6	1.
			200							-					-	1	1

126 . O Dietauce by Ly

Course and distance made good since preceding noon by observations,

Latitude by D. R.

Longitude by D. R.

Latitude by Observations of © Lyand Light 49 057 134 " N.

Longitude by chronometer from Forenoon Observations of Olyand Light 40 59 000 W. 49 057 ,34 , 1.

Longitude by

Position at 8 P. M. Latitude by Longitude by Current during the time, knots tenths per hour, setting to the ( Error of the Compass by Azimuth O observed at , ship's head

, ship's head Deviation of the Compass by Azimuth O observed at ( Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at

, ship's head , ship's head

Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

600

11 tons, 1600 lbs 62 " 650 "

																	ı
	P. M.			· ×												100	
-		5	5	28.2	6/28	6. by N.	4	30.34	61	60	56	55	bo.m.	cir. cum.	7	on.	ı
				34.2	"	1	4	30.33							8		ı
	3	5	5	39.5			4	30.31	61	60	55	55			8		ı
				44.8	,		4	30.30							8		l
	5	5	2	50.0		East	4	30.30	60	60	54	55			8		
	6	6	7	56.7			4	30.30							7		ı
				63.2			4	30.30	58	57	53	55			7		l
	8	5	3	68.5		6. ly 9.	5	36.33	58	57	53	55			7		l
	9	5	5	74.0	East	E. W.E.	4	30.34	58	57	53	55	b.c.		8		l
	10	4	,	74.0	"	No.	4	30.35							8		
				86.4		6. ly A.	4-5	30.36							8		
				92.4		East.	4.5	30.37							9		
	-																

Commander E. T. Strong, Faturday, May 9

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a. M. .

Gleasant and hary. Light airs to gentle been from 6. by A. Barmeter steady. Importh are . Thering a concer 5/4 ft. under steam for topenest stayward, makin tryical and sparker. At 12.10 took his all said. Many lighter of fishing and shiling marele and one steamer maible during watch. It a cash with snurding machine at 1.00 in 52 fething. bittom , and , grand and broken shell ; another at 3.10 in 49 fatheres , same bottom. Onm was at 2.50. awage steam 55 lbs. awage novolutions 37.

Modan In Leutenant Q. S. W.

Dair to cloudy, meety and lagy. Moderate to feech breeze from E. by N. Barmeter neining first half them felling. I mortl een. Freming conce E 149, until 4.50, when changed to E 144, until 6.15, then 6.8646. until 7.50 them to ME. Under steam along, revolution 37, steam greener 58th. Irok somedings as follows: at 5.10, 45 fathous craws sand and broken shell; at 6.10, 46 fathous. evans sand and broken shell : at 7.50, 43 fathome, broken shell and fine grey sand. By order of Commanding Officer, cusping to greater deer on bread and water, Leighau 7.4. Cyps 30 Jand May 4.5. (app 3 cl) Toffense wing tobacco. Le duby Ou. S. On.

O'clock eighted Eigend Pont braining No by N. At 90 clock changed concer to EN 9, and at 9, 25 9 what Feating at 5 was abrain distruct 1.9 miles Robert Statem was abrain distruct 1.9 miles Robert Statem was abrain distruct 1.9 miles Robert Statem was and astructed the solution of these English changed consecute to EN 4.3. and at 11.20 to EN 2. States are some and astructed the solution of these English changes are all the work of a stranger first off the Light Stranger preceded the proof of a stranger field off the Light Stranger preceded the solution of the survey of t From 8 a. On. to Merid

WBWhitelery Lewtenant Q. J. R.

Our Meid to 4 4.9m.

Clean, but hazy anound hornow. Moderate been from 6 by th. On anna 6/2 f (fc) under steam above armage nevertience 39. Armage steam preserve 55 the a number of stranger rad earling creeke in right during wretch, stranding to 6d, 9d, and bld. Overleate Ey sunt. assimale Ensign Q. J.A.

Oum 4 to 8 9. Pair; hagy around horizon. Oborduate to stiff broug from Each to E. by F. Barometer vicing last home. On concer & R. F. under straw abou. Passed as number of etamore and scaling orester Feel gut up topfelland ments at 5.00, or clock and current topgelland yarder. At 4.20 eighted Eddyston Light hour braining 16/26. At end of watch Light hour on Start family low NE. by E. Steam greener 55 lbs; heretime #1.

The Name of B. F. R.

There & R. F. R.

There & R. F. R.

There & R. F. R.

Onem 8 P. M. to Mid Elsa, and pleacant. Morderate to stiff breys from the to Each Barmeter rising. Frening a course & 12 g., under steam alove. A 9,20 changed encer to Each Frank Point Light abram, distant it miles, by born and brawn braungs. A large much of steamer and one earling orsel passed standing to the Old. and Ed. Arrage steam 55 lb.
Bramined and found to be correct. Arrage revolutions 41.

Rogers AGalf Lintenant a. S.M. Novigoron

Third Rate,

LOG of the UNITED STATES Ship & SSEX. Thus Making passage from Chewport, R. D. to Southampton, England.

		1	Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.		188	Clear 10ths.	Sea
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
M. M.	5	2	97.6	East	Ĝ. J/E.	4			30.36	57	56	53	56	b.c.m.w.	cir.cum.	7	94
2	4	7	2.3			4			30.36					•		8	
3	4	5	6.8			4			30.86	57	57	53	56	•		6	
4	4	5	11.3		G. by Jr.	4		-	30.36	57	57	53	56			6	
5	5	1	16.4			4			30.37	56	54	52	56	f.c.m.	cum etrat	7	
6	5	6	22.0	6 3/4 N.		3-4			30.37	57	55	52	56			7	
7	5	6	27.6			3-4			30.39	58	58	55	56			7	
8	6	5	34.1			3-4			30.39	57	60	56	56			7	-
9	0-0	1	48.0	6 46 /4 6		4			30.40	59	61	57	56			7	
10	7.	5	55.7	J	6.48	4			30.41	59	62	57	56		Dr. M.	7	
11	16	1	1.0	166/46		3			30.41							7	
oon.	**	101	12.2	1.48.48.		3			30.40	62	62	157	56	-		7	1
				6.46.		100			1000			1		STORY OF STREET			1

139. 0 Dietana ly Log

Course and distance made good since preceding noon by observations, Latitude by D. R.

Longitude by D. R. Position at Noon : Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by Longitude by

Position at 8 P. M. Latitude by Longitude by

knots tenths per hour, setting to the Current during the time, ( Error of the Compass by Azimuth O observed at , ship's head

Deviation of the Compass by Azimuth O observed at , ship's head , ship's head

Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth O observed at

Water expended during the preceding 24 hours, during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

4 50 gallons.

150 " 8 tons, 2000 lbs. 53 " 890 "

100																ā
P. M.																
1	7	8		Varini	Gast	4	30.38	62	62	57	f.c.	m.	cum etial	*		
2	7					5	80.38	65	63	57				7		ı
3	1					5	30.37	68	66	57			Cion.	9	3	ı
4	au	ehond	,			4	30.36	68	66	57				8		į
5				6. h. 4.	6. ly d	4	30.35	69	66	57				8	-	į
6				East	0.	3	30.36	68	66	57				8		
7				6.96/26.		3	30.37							9		ı
8				98. ly 9.		3	30.40							9		ı
9				98. 49. 98.		2	30.41						13.00	8		į
10				Gast		3	30.43	61	58	53				6		į
11				6.16.		3	30.43	61	58	53				8		į
Mid		18.		NG.	18. 4 8.	3	30.44	61	28	52				8		į
1					1									199	1	

, ship's head

1 - 1 - 1	
Commenced and until 4 a. M.	
Commenced and until 4 a On. Llear and cook. Moderate breye steady. Obsderate sear firm Each. Steering concer Each under a presence 55 lbs.	from E. N.E. and E. by A. Barometer
steady. Moderate sear from East. Steering course East under a	team alone. Revolutione 40 steam
More aller 55 lbs.	
puttur v av	B. Lintergan & SON
	12 d + /1 6 000
Δ	Scewtergus & J. W.
Prom + to 8 a.m.	
Veather clear Phoderate breeze from E. by N. Ban to E * 14 N. At 5 45 eighted land 3 junite forward of year bram and At 8 * clear took a sounding in 22 fathour nater. Passed assual assulu alow; steam presume 56 lbs. Number servertime 42.	meter ring. at 50 clock changed course
to 8 3/4 N. at 5.45 eighted land 3 points forward of post fram and	at 70 clock Portland Head was alram.
At 84 chore trop, as amudue in 22 lathour water. Passed acreal massle	standus of blamel This understone
almost to 55 Me should said time 12	
word; break greature of the oriental revolutions 42.	111-11-1
	to reconditions
From 8 a. M. to Oreid	Lieutenant Ch. J. N.
Clear and pleasant, but hazy around horyon. On con	w & by N, changing as follows per order
of Commanderia Officer, at 8.05 to E.NE /26: soundings in 23/2 fathone wa	ter: at 8.25 to 6. NE 3/46; soundings 18/2
bleav and pleasant, but hazy around brugin. On on of bommanding Officer. at 8.05 to 6.46 /26; aroundings in 23/2 fathere was fatheres; at 10.55 to A 4.66 /46; A 11.24 to A 4.86 /46; A 11.45 to 46.66	und 11.52 to E.NE watent los readings as
and all a sa sister al Anger Collegen and al Mail Enter	A har ske hat and I without that
yer clums. At 10.50 pighted the Oceder Light House on Sale of Chight , England Sight House . At end of witch standing in to entenne of Foliab Channel	Sel Sel Sel Sel Sel Sel Sel Sel Sel Sel
Light Homes. Us end of watch standing in to Entrance of Town them	i, herdraght would bearing a my
Hunst Hout dight lane, N. O. by the gomes distant about	Domite at a so had greature,
and the Commanding Office inspected the crew. It's	silvela. Domidia Officer mad a
Duing Service. Or number of Stramers and sailing	visible in light, standing to les,
Some We fort and in sounding with thou	soon madius, the had, negister,
TALL Y DA . Y A Y . Y A	akamalan
and the same same same same same same same sam	1 1 1 1 1
Hunst for English Mane, or to hydr to the former dies and about about and the learners and sailing of the second of the sailing to the sailing of the sailing with the sailing and the sailing with the sailing wi	Rosinale.
	Oro, which
Ann Mindy of M. When and phasant, moderate Barant further about the show th	NEW yound
When and phroson, module	yo stiff buy from blast.
Baronatu falling. at beginning of with abrust	Marcho, Standing up
I hux Rim and Southandoron Natur; Comidia, Office	un coming the ship,
du belle d'on the lie beleure des charles in &	ahmil log at 5:25 called all
hands and at 3:47 courts and in Har forthome. I of it	Land of the said to 22 1 athoms
can a con at 3 m camera ancure in war farming. 20% of	I Lillia Barria
arm but, but our explainmentall to surely auch	Camera fires, warmings
from anchorage: - (magnetic) Houtey, Bracon, 3.3.0%	o' represent of actions garborer
12 by 3. Northy Broy Why 98 6. Id out the out stram &	and regel out lower
boons and both accomodation ladders. Kehared from	- confirment where of
"I ammanding Office, Maines Chairen, bur, by was	on of experience of confirment.
and and at sit is and a color in the follows and to act to act to a color in the following to act to act to a color in a	my ser of ship had room to swing
	I'M Reme
	Uneign, M.S.N.
From XX08 P.m.	
le han and blesson moderation and he	uges from D. by N. Vared to a Stathone
demille it was a first of the land	rations arouted Received Official
Parameter 1 1xm e 1m 1ca x	1 Visa M & Xide, Distilling.
were been an abbon of x, 110.9. 1100 arms ! chemound over	PX of
Armer of the second place of the form of t	RA disdale.
X 1 / 0/	62 morely N.S. 10.
Tran 8 P.m. X. Midnight.	/
Anni & P. M. Wo Midnight.  Examined and found to be correct.  Bhomound shows the fix of grand of the state of	Memora O. O. go. S. S. S. S. Danon June
i O . 00 p to the ot singuine business & phale privais	puillix
	L. M. named Consign U.S.N.
N.	mus Hyalf Navigueson
160	J Harrymore
-10	CONTRACTOR OF THE PARTY OF THE

Shind Rate,

LOG of the UNITED STATES

Shire Coord

	1		Reading		wind.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	lear the.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheS
A. M. 1			مما	N. W. W.	n.te.lute	3			30.44	51	55	52		~		10	
2				N.N.W.	. 0	3			20.46	55	54	51				10	
3				N.WWN.	X. E. Sux X.	2			20.48	56	53	50				10	
4				W.N.W.	W. by V.	1-2			30.48	55	53	50		1		10	
5			South	312 hu to.	N. W. Sul. X.	1			30.50	53	52	50		G.J.m.	w/c	9	
6				Darch	. 0	0-1			30.50	56	52	50				9	
7			Les	N. Word N.	,	1			30.51	51	53	51				9	1
8			Land	Bul D		1			30.52	58	43	58				9	
9				8.0	N. 62. hu &.	2			20.51	41	68	58				10.	
10				N. 60.	. 0	3			30.51	64	64	59	1			10	
11				Xtaly E.	D. X. D	2			30.49	66	61	60				10	100
loon.			3 9 9 9 9	Dul DY		2-3			20.49	48	69	161				10	

	7. Distance	ly fig				
	Course and distance	made good since preceding noon by observations,	kno	ts,	tenths.	
		Latitude by D. R.		,	"	
		Longitude by D. R.		,	"	
	Position at Noon:	Latitude by observations of ⊙	0	,	"	
		Longitude by chronometer from Forenoon Observation	ns of O O	,	"	
		Latitude by	•	,	"	
	Position at 8 A. M.	Longitude by	0	,	"	
		Latitude by	•	,	"	
	Position at 8 P. M.	Longitude by	•		"	
	Current during the	time, knots tenths per hour, setting to the	he			
(	Error of the Compa	ss by Azimuth O observed at , ship's head				
1	Deviation of the Co	mpass by Azimuth O observed at , ship's head	d	,		variation used,
-	Error of the Compa	ss by Azimuth © observed at , ship's head				
	Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's head	d			variation used,
	Water expended du	ring the preceding 24 hours,	>	00	gallons.	
	Water diskil	during the preceding 24 hours,	4	0,0		
	Water remaining or	hand fit for use at Noon,	4	50		
	Coal consumed duri	ng the preceding 24 hours,	2 ton	,640	lbs.	
	Coal remaining on 1	nand at Noon,	51 "	250	, "	

P. M.												
1	we	Nongto.	10. W. W.	8.5	30.49	49	68	61	b.d.m.	·~~	10	
2		mounder		3.5	30.49	12	69	61		*	10	
3		1	,	3. #	30.49	12	49	41		1	10	
4		W.S.V.	basi	8.4	30.48	1/2	10	62			10	
5		5.4.46.	W. K. B	3.4	30.48	10	69	62	,	1.	10	
6		8. Wh. 8 36 W. 6	Basi	3	30.47				,		10	
7				3	30.52				D. m.		10	
8		6. mgs		3	30.514				D.J. m	sx.	9	
9		25.6.16	12. X. W.	2	30.57						q	
10		8.60.36.60.		2	30.58				B. m.	antent.	10	
11		Dynl. W. C		2	30.58						10	
Mid.		Kynl co	N. 10.	1.2	30.58				*	_	10	
100												

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Downward with x W. M.

Blue and phrasand, quite lange to laft and from Y & laft to the X. N & lag X.

Bownship riving. Rising by word and the count with 1.6 of his hours of the count of the country of m. jo sachward, H.S. W.

Anome & Xot a M. When and pheasant. Right aire from & to by & Simished emorping to the destroy. Distilling. I willing the English stranger commenced pointing outside of white. Distilling.

Rosistale m Sio daballnsign. H.S. N

name Onsign, U.S.N.

\*\* Arm & arm to Minid.

Show & Bhow hash shown they around hargon. Light's quite bury

Jone & B by B & D & B monday felling slightly Diagraph in pointing ship.

Bommand ing alflice paid on officeal wint & M. 3. Midea. Sunt office hash

nextra official weit to H M. 3. Middea, and to wint amice Romand, at 9 so began

swinging to all. Riding to wind and tide. Distilling. m. - Racene

Acom Mindy of PM Chasan and hayy. Grand burge with stiff aqualla from the W & & D. Baron to who hay . Who called all hands up and in, has up shid and a made as one for the forth and one put or some swind, is forthern one shid chain and so one for the forthern further, bother soft. Blanca at morning Abdunding to globe to 50 80, 4 the hand to K. W. W. Waling to the after anounce at some at a sea started to single fland a sund a forther water.

Dominating the form of the M. & Medica and M. & Bornell at Mapped paid official water forther and the form of the started to the s Aron Mind Xo X P.M. m. Jacker Suntmant, U.S. N

Annual X & P. M. Charant bluesant, hopy around honger, quetles moderate lunger, formed X & and & Garmenton felling front helf inting last helf at the find a last of of gene with U.S. A lag at the fact in honer of dimensionable at 5: so out among felling of many felling of many felling of many felling of many felling of many L. M' name

Mr. In Fram Unique, U.S. IL.

Aron & P.M. & Mid.

Phosont mysler hazy around having hight into high buye
from & N. O. XV. Baronetic strady. Riding to flood until 10:00, when ship
started to enemy to all. Riding according to see an entropy which. We tilling.

My great Livetiment, U.S.N.

Examined and found to be correct.

Roya H. Galt

	1		Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	P	lear ths.	- June	
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of Clean Sky, in 10ths.	Stateofthe	
A. M.			200	V. bul.	EQ. N. E.	2			30.60	60	51	54		V.m.w.	~~~	10		
2				N. N.W.		2			30.60	60	51	5H				10		ı
3						2			30. 61	58	56	53				10		ı
4:2				North	N. W.	1			30. 62	58	55	52				10		ı
5		1	flood	3. 6. ly S.	+	1			30. 63	56	55	53			,	10		ı
6				S. b. ly E.	•	1-2		-	30.64	59	56	54		b.v.m.	my my	9		ı
1 .	Xia	Luni	w .	& by 3.	*	2			30.64	62	58	55	236			4		
8				El by N.		1			30. 6H	63	68	60		4		9		
9				3.10.34 5	black	1			30.63	46	67	63				9		ı
10						1			20. 63	66	61	63				9		
11	min	main	Medyen	Wast		1			30. 62	10	10	lest			-	-		
Noon.			0.	N. V. by N.	4	1			30. 62	10	10	164		V.m.		10		I
				0														

Course and distance	e made good since preceding noon by observations,	knots,	tenths.	
	(Latitude by D. R.	•	, ,,	
	Longitude by D. R.		, ,	
Position at Noon :	Latitude by observations of O	•	, ,,	
	Longitude by chronometer from Forenoon Observations of O		, ,,	
	( Latitude by	0	, ,,	
Position at 8 A. M.	Longitude by	0	, ,,	
	( Latitude by			
Position at 8 P. M.	Longitude by	0		
Current during the	time, knots tenths per hour, setting to the			
( Error of the Compa	ss by Azimuth O observed at , ship's head	0		
Deviation of the Co	mpass by Azimuth O observed at , ship's head	0		variation used, o
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0 .		
Deviation of the Co	mpass by Azimuth O observed at , ship's head	0	,	variation used, o
Water expended du	ring the preceding 24 hours,	701	gallons.	
Water diskill	during the preceding 24 hours,	70	0 "	
Water remaining of	a hand fit for use at Noon,	55	0 "	
Coal consumed dur	ing the preceding 24 hours,	tons,	lbs.	
Coal remaining on	hand at Noon,	50 16	90 "	

. М.										
1 Sunging to Ell	F. 86.	9.98.	2	30.59	69	76	67	b.m.	none	10
2	1.1.04.		2	30.59						10
9	N 9. by N.		2	30.58						
4 Lunging to Flore	A by N.		2	30.58						10
5	9.9E.		3	30.57				b.c.m.	cir. aum.	7
6			3	30.59						6
7	9. 46.		1	30.59						7
8	<b>46</b> .	balm	0	30.60						5
9	998		0	30.60				b.c.m.w		5
10			0	30.60					1000	5
11			0	30.60						5
Mid. Funging to bbl	North		0	30.60						5

Commences and noted it a m.

Chair ornhead, hazy with heavy dan, light bruge from 2, 1, 2, first how how light airs from X. V. Part how, straightfund out to Whi do but men. I and I so idole.

J. J. Junghant, U.S. n. From H to & W. M. Charand phasant, hogy around horizon. Light airs and brighton N.E. Barmete around shady . Ongo god in Varing down lengthed on Quality disk by order of Commanding Officer on broad and water, 4 9 Maghan, app. 3 d. "Uffure Wing whose . I wished diskilling and let five die out. The Rame I. mo name The Unsign, U.S. 12. A ion & a. M. 16 Meridian.

Phosonit and hazy Liefet airs from X & X &. Barmetic felling alordy.

Whoming and pointing ship Received on brand in Wept Supplies and account,

M. 1469 to in gold in, and 1083 lb. and of fush befored orgetable, for me of com
No mechanics from shore at work on board up airing portangiting purposes.

M. Herotomet 1. & M. From Merid to 4 P.M. bleau, alightly hazy, pleasant. Light bruzy from I. FE. Barometer fell shightly Germaning first bound, indising to 18th tide nest of watch Found the shaft of the strain launch to be broken, hinted her. By die Suite Jant Qu. S. Ph Inforder. M. J. M. From 8 P. Ch. to Mid. Fair and bazy heavy dew balm. Riding to flood with 1115 when J. S. Leutendut (U. S. A.

Examined and found to be correct.

Roger H. Galt Dividence Since State Navigation

LOG of the UNITED STATES Phip Essla Third Rate, At anchor in Touthampton Water, England.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	lear tha.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	Shipe head.	Direction by Standard Compass.	Force.	Hel	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols,	Prop of Clea Sky, in 10ths	Stateofthes
. M.			814	101.	Calm	0			30.58	60	58	55		b.c.m.	currettal	7	
2				J. J. Qt.	JAG.	1			30.59	60	60	55				7	
3						1-2			30.59	58	56	53			can mint	4	10
4						1			30.60	8-8	56	54				3	
5	Fun	gni	to flow	Gast.		1			30.63	57	55	53				2	
6			Flord	96.	JE.	2			30.64	56	55	53			eum	4	
7						2			30.66	56	56	55				6	
8						2			30.66	56	56	55	-			6	
9					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1-0			30.64	61	62	59				6	100
10				96 hg	F. 90.	1-0			30.63	64	65	60			18.33	8	13
11				9.98		1-0			30,60	65	66	61				8	1
oon.	of		to Ell.	A ly E.	South	1			30.59						-	8	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	•	, ,,		
	Longitude by D. R.	•	, "		
Position at Noon:	Latitude by observations of ©	•	, "		
	Longitude by chronometer from Forenoon Observations of O	0=	10 11 0		
	Latitude by	•	, "		
Position at 8 A. M.	Longitude by		, "		
	Latitude by	0	. "		
Position at 8 P. M.	Longitude by		. "		
Current during the	time, knots tenths per hour, setting to the				
( Error of the Compa	ss by Azimuth O observed at , ship's head	0	,		
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's head	0		variation used,	0 1
Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0			
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's head	0		variation used,	0 1
Water expended du	ring the preceding 24 hours,	450	gallons.		
Water Access	during the preceding 24 hours,	2900	"		
Water remaining or	hand fit for use at Noon,	3000	- 44		
Coal consumed duri	ng the preceding 24 hours,	tons,	lbs.		
Coal remaining on l	and at Noon,	50 /1	690 "		

P. M.											
1	all	Sol. by S.	fQ1.	2	30.58	65	67	67	b.o.m.	bear	9
2		494	£0.	2	30.56						
3		J. J. 96.		2	30.55						9
4		JOH. ly N.		2	30.54						
5. Juni	ging to flord	9.49	O1.9U.	2	30.53					"	7
6	ging to flood Flood	9 ly E.		2	30.53						4
7		f. 46.	".	1	30.55						3
8		9 ly E.		,	30.55						3
9		98.ly9.	Calm	0	30.55						3
10		. "		0	30.55					-	5
11		9. h. a.		0	30.53						7
Mid. Lum	gmg to Ell	9. ly 01.		0	30.52						7

## Commander E. T. Strong, Obednesday, May 13

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a Ch. Theather clear clouding up toward end of watch.

Calm to light breeze from N. N.E. Barometer vieng. Est tide.

With white of watch.

From 4 to 8 a Ch.

Cleasant and hary. Eight airs to light breeze from N. N.E. to N.E.

From 4 to 8 a. On.

Pleasant and hazy. Flight airs to light breeze from N. N.E. to N.E. 10 arometer riving. Accounts on board in Dept. of Supplies and accounts 96/4 lbs of fresh haf, 108 lbs. argetables and 174 lbs. fresh brad.

Com 8 0. On to Choul.

Fair to clear hay, and pleasant books to light air from 46. at free there from 980 and Footh. Barometer falling Reduig to flood until 110 when swang to eth at 90 mustered and inspected at quarters Turpended notine deller on account of work Farming eighed class By order of Commanding Officiar a. G. De Walt appear and water of four and relating Received in Suppless and account 12/2 the fresh tree Received in Equipment Dept. 2900 gallow fresh water. Feet on along for repairs port available fresh present to the Mayor of Souther state Striand acting the present acting from April 7,1876.

Leytefant W. J. M.

Prom Cherid. to 4 9 M.

Prathu clear Sight breeze from FCh. Barometer falling Est tide. Got aroungs on a stretch Got mb earling lawel. I send monthly many to men The librity party ashore.
The following mus was granted leave. E. J. Icon, Blackbouth, 21 days: Oh. Gart, Sao. A days: Acuny Smith.
Ch. Chachinist, 10 days: A. L. Arriw, B. Chato 2 class. 7 days. C. & Parte. Bor act. In nated B. M. Iclass to date from april 7.1896.

From 4 to 8 P.M. Dair and pleasant. Eight air to light breeze from Oh. F. Oh. Baroneton falling at food, then riving . Est tide with 4.50 when army to flood. At 7 went to quarters and crewit out clean hammoche.

From 8 P. M. to Mid.

Cheather clear, misty one the water balow. Barometer falling Firmy to elt tide at 11.15.

William P. J. R.

Lieutewant P. J. R.

Examined and found to be correct.

Roger H. G. C. C. Warden

LOG of the UNITED STATES Thip Essex.
At anchor in Southampton Chater, England.

Third Rate,

			Reading		WIND.				BAROMI	ETER.				State of	Forms of	of Clear in 10ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of (	Stateofth
A. M.			84.	JIE.	Calm	0			30.51	59	56	55		b.m.w.	nine	10	
2				1.196.	98.	,			30.50							16	
3						1			30.50	58	55	53		be. m.d.	cum amil	6	
				NE by N.	Panable	0-1			30.49	57	55	53		b.m.w.		10	1
5				North		1			30.50	54	52	50		0.6		0	
6					Calm	0			30.51	55	58	57			_	0	
7				\$6. by 4.	"	0			30.52	53	58	37			_	0	
8	Lune	vani	g to flood			0			30.51						-	0	
9		1	Blood			0			30.49					b.c.m.	cum	4	
10						0			30.47							5	
11					96.	2			30.45					b.m.	none	10	
Noon.				9. ly &.	96. by 9	2			30.41							10	

Course and distan	ce made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.		"		
	Longitude by D. R.	0 /	"		
Position at Noon:	Latitude by observations of ⊙	0 /	"		
	Longitude by chronometer from Forenoon Observations of O	0 /	"		
	( Latitude by	0 ,	"		
Position at 8 A. M	Longitude by	0 /	"		
		0 1	"		
Position at 8 P. M	Longitude by	è ,	"		
Current during the					
	ass by Azimuth O observed at , ship's head	, ,			
	ompass by Azimuth O observed at , ship's head			variation used,	.0
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,		variation used,	0
Water expended d	uring the preceding 24 hours,	550	gallons.		
Water	during the preceding 24 hours,		"		
Water remaining o	on hand fit for use at Noon,	2450	, "		
Coal consumed du	ring the preceding 24 hours,	tons, 8 0	0 lbs.		
Coal remaining on		50 " 89	0 "		

P. M.											
1	Flore	£6.49.	<b>98</b> .	2	30.41 6	4 66	62	lim.	none	10	
2	2 44	.0		2	30.41 6			b.c.m.	cum.	34	
3	Surriging to lot.	NON. by s.	01.901.	2	30.38 6					6	
4		. 1		2	30.37 6					6	
5	Lungwig to flord			2	30.36 7					7	
6		9.18.		2	30.37 6					7	
7		96. ly 9.		1	30.37 6					8	
8		9.96	balm	0	30.36 6					6	
9		98.4 8.		0	30.37 6					6	
10		96. kg 4.		0	30.37 6			boom w.	14.54.5	7	
11		, ,	04.501.	1	30.37 6					7	
Mid.				1				,		7	
					30.37 6	7	-1			1	100

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a M Securally cloudless, but miety balow, variable light airs, and light airs from SE. Funning to Ab tide at 1.45, string lot.

to Eneign Q & 9.

From 4 to 8 a. On.

Thick for balow to hight variable aris. Ell tide until 7.30 when surring to flow. From that hammacker. Likety mew returned Received in Dept of Supplies and accounts 108 4 lbs. baf, 108 44 lbs. ragitables and 87 lbs bread. By order of the Commanding Officer. I ls. thoughan leptole; was emfined to the Emante deek for me day or bread and water officer lepy, od, the Quarter deek without permission, while confined to it. By the hams cuttbrity, J. a. Isalagher lipy, od, and J. b. Orlike app. sel, were confined to Emarter deek for me day, on bread and water officer deceiped to a Gethe Officer.

Jum 8 a. On. to Merid.

Obsather clear, hazy about horyon balon to light breeze from Fo to Fo by I. Barometer falling. At 9.30 mustered even at quarters, finding I. E. Dreimer b. 4.00, and a Precess Observable of the Battalion drill. At 8.30 during to flow tide of bonusy, G. P. naw granted from days leave of absence.

Wiswhurlery Sentenant Ch & Ch.

From Oreside to 4 99 ... Cloudles to fair and pleasant. Sight breezes from 96 and 04.80. This summer to est tide at 2.30. Tent likely party of men asher at 4.00. Engaged in trucking up paint work, ste.

as Lind gle Eusign Q. J. A.

From 4 to 8 9 cm. Obeather clear balow to light been from & ACD Barometer steady. At 5. 20 sering to floor tide at 7. o'clock turbed in hammock's rat quarters.

WBWhiveley Dientewant Or. F. Or.

From 8 G. M. to Mid.

Blear but mity and damp. Calw and light Q. FOrly air. Flort tode.

Onew mom first part of watch. Ensign Q. J. C.

Examined and found to be correct.

Ply Lieutenant Ol J. Navigator

LOG of the UNITED STATES Thip Essex. Third Rate, What anchor in Gouthampton Chater, England.

					,						4						
	T	I	Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	2
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C	Stateofthe
A. M.	Lu	was	ia toeth	Je he &	Q1.9Q1.	,			30.3	60	2.8	56		b.m.	mone	10	
2		1	GH	Aly Dr.		1			30.37							10	
3				N HOV.	Chest	1	1		30.37					b.o.on.	strat.	8	
1						1			30.37	58	57	55				7	
5						1			30.38	56	54	82				7	
6	Lun	- Sui	a to Flore	6.96.		1			30.38	58	58	56				4	
7		0	Plane	96. h. 9.	J. 24.	1			30.38	62	58	56				7	
8				. /		1			30.38	65	59	57				8	
9	Lun	-	totall	104. ly N.		1			30.37							. 7	
10		0	Blad	£6.		1			30.35							7	
11				98.49.		1			30.35						eum.	3	
Noon.				96. h 6.	N. N. E.	2			30.34					-		2	
						-		-	1		1		-		-		

Course and distance	e made good since preceding noon by observations,	knots,		tenths.	
	(Latitude by D. R.	•	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon :	Latitude by observations of ⊙	•	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
		•		"	
Position at 8 A. M.	Longitude by		,	".	
		. 0	,	"	
Position at 8 P. M.	Lancitude by	0	,	"	
Current during the					
	ss by Azimuth ⊙ observed at ship's head		,		
}		0			variation used. °
	mpass by Azimuth O observed at , ship's head				variation used,
}	ss by Azimuth ⊙ observed at , ship's head		-		
	mpass by Azimuth O observed at , ship's head	•	1		variation used,
Water expended du	ring the preceding 24 hours,	40	0	gallons.	
Water	during the preceding 24 hours,			"	
Water remaining or	n hand fit for use at Noon,		50	"	
Coal consumed duri	ing the preceding 24 hours,	tons, 7	100	lbs.	
Coal remaining on l	hand at Noon,	50 "1	90	"	
		1			

P. M.									12.00	
1	Guniang to Elt.	Aly &.	J. 48.	2	30.84 7	1 70	65	b.o.m.	am mint.	2
2	Ell	E.l. N.	4.48.	2.3	30.34 7					2
3		seger.		3	30.33 70					1
		N. NOV.		3	30.33 70					2
5		Aly 24.	No.	2	30.34 70			1.0		2
6	Guriging to flord Flord	€. %, 9.		2	30.86 7					2
- 7	Flux	9.98.	9.98.	3.4	30.40 6			b.o.m.g.		
8				3.4	30.44 6					
9		96. ly 8.	6.98	2-3	30.44 50			bic.w.	10.2	
10	1	96. ly & .		2.3	30.45 59			,	la territ	2
11				2	30.46 58					6
Mid.				1				,	-	8
						1				
		98. by 9.		1	30.46 59			,	-	8

Commenced and until + a. On. . Clear and pleasant Sight Cheeterly and & Forly air . Steady barometer . Furning to elt at 12.30.

L. M. naunt --

From 4 to 8 a M. Cheather clear and pleasant, with light air from Obest to NO. Barmeter strang. At 6.00 aring to floor tide. a. Cheeren F. cl. returned on braid one day now time Received in Dept. of Pupplier and accounts, 1084 lbs. hef, 1084 lbs. regitable of the 108 of lbs. here.

Wiswhurlsry Lieutenant & J. R.

From 8 a. In to Grand.

Clear to clondy, but pleasant. Fight air and breeze from N 94 to A N 6.

Evening to flood tide about 9.45. at 9.30 had quarter for muster and inspection. Of Joseph B No 2cl, and J. E. Dremero Ch. H. M. absent over leave. Exercised all Diracover at gund and porting except and Timing which were nextweeted in fuger. Received official with from Obaid Rome Officer of the 18. 18. 18. 18. 19. I chadra. Feurd out monthly money to good watch of apprentices.

R. L. L. Calle

R.D. Dindale Eusign Ch. S.M.

From Oriend. to it GON.

Cloudy but pleasant. Dight to gentle breeze from N. N. E. Barometer mearly steady. Tent librity party of brys on abore at 10 clock and men at 40 clock. ash lighter cause alongide at 20 clock and took asher from ship. Riding to ebt.

In Mound

From 4 to 8 P.M. Shight breeze from N.E. shifting to E. F.E. and IFE rafter to Eleck water at 5.40 and ship enring to flord at 6.10. Shirty party of appendice externed with the exception of Otholy. RD. Gradale Energy It. J. M.

From 8 P. M. to Oride bloody to clear with heavy dear Gentle breeze to light airs from 6.96. Ring barometer Riding to flood.

Ensign Of Jan

Play Healt . Son Harigator

LOG of the UNITED STATES Phip & SILX Phird Rate, W anchor in Southampton Phater England.

		_							-	-	<u>v</u>	-				14533	
			Reading		WIND.				BAROME	TER.	TEM	PERA	TURE.			lear ths.	100
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.			Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.		ugm	atell	16.66.	Ĝ. <b>\$</b> €.	1			30. 48	57	55	53		b.e.m.	cum mint	2	
2		0	all	East	Gast	1		1	30.50							2	
3				North		1			30,50	57	55	58				3	
4				J. J. St.		1			30.50	57	54	57				2	
5			17 .	Allet.	1.16	0-1			30.50	57	57	54		0.c.m.		0	
6				A ly St.	Calm	0			30.50							0	
7	Lun	iguid	to flore	96. l. s.		0			30.51								
8		0	Flord	1	Cranable.	0-1			30.51							0	
9				6. NE		0-1			30.51							0	
10					Calm	0			30. 60							0	
11				9.98.	196.	2			30.48					b.c. ou.		2.	
Noon.						2			30.46							4	
												-					

Course and distant	ce made good since preceding noon by observations,	knots,	tenths.	
	(Latitude by D. R.		"	
*	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of ②		"	
	Longitude by chronometer from Forenoon Observations of ⊙	0 . ,	"	
	( Latitude by	_ 0 /	"	
Position at 8 A. M.	Longitude by		"	
	( Latitude by	0 ,	"	
Position at 8 P. M.	Longitude by	0 1	"	
Current during the	time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0 1		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 '		variation used, o
Error of the Comp.	ass by Azimuth O observed at , ship's head	0 ,		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 /		variation used,
Water expended di	uring the preceding 24 hours,	450	gallons.	
Water	during the preceding 24 hours,		"	
Water remaining of	on hand fit for use at Noon,	1600	, "	
Coal consumed dur	ring the preceding 24 hours,	— tons, —	lbs.	
Coal remaining on	hand at Noon.	50 " 19	0 "	

P. M.											200	
1		Flord	Gaet	6. NE.	2	30.44 6	667	61	b.c.m.	cum etrak	4	
2			NS.		2	30.44 6.		1 - 1			4	
3	Lumiging	to 684.	6.16.	NE.	2	30.44 6					3	
4	Lunging	864			2	30.43 6						
			1.14.		2	30.43 6					3	
6			Algor.		2	30.456			0.c.m.		0	
7	Lunging	to flad	96.		1	30.466		1 1				
8	0 1	to flad Flord		6.96.	1	30.47 6						
9			96.49.		1	30.47 6						
10		(			1	30.47 6						
11			96. ky 6. 96. ky 9.		2	30.48 6						
Mid.		. 1			2	30.48 6					0	
							1					

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a M. Pleasant and hazy. Fight airs from E. F.E. to Each. Barometer rising then steady. Widing to flow; along to left at 1.00 Reduct to left rest of watch.

From A to 8 a. M.

Orreact and cloudy Flightly mity. Generally calm light variable airs.

Firing to flow tide at 6 20. Received in Dept. of Tupples and accounts for reine to new following fresh privaine 108 1/4 lbs. braf. 108 1/4 lbs regitables and 87 lbs. brad. By order of Commanding Officer following appendices were placed on the quarter deed, or brad and water from hamborhe to hammorly & Brady & Book and 8 & Pray; offices, presistent desorder at dull - smorking.

Or Jerlyn B. Pr. 26, rethined on braid 24 hours whiten. RD Sisable

Eurign Q. S. M.

Fum 8 a. On. to merid. Topgalland yarde at 10 o'clock. Paid monthly money to starboard watch apprentices. Pland as word of \$100. Tramer for arter and delivery on board of \$1.6 Tramer. The 4.8%, Chard Rome officers returned sall of 36. B. On I. Greden. Reducy to flow.

J. m. name Ensign M. S. O.

From Mind to 4 P.M. .

Pleasant and Layy. Light brey from E. NE. to NE. Barometer steady then
falling. Commanding Officer paid are officer visit to the M. F. Media:

Leitewant Or. S. O.

From 4 to 8 P. On Generally orneast and bayy. Light here from N.E. and light aire from 6.96. Received in Dept. of Supplies and accounts fresh primarind as follows: 108 6/4 lb. hof, 108 4/4 lb. orgetable, 87 lb. brad.

m. naum Ensign W. S. Or.

Firm 8 Q. n. to Onid . Cludy and hayy. Fight aim to light breeze from 6.76. Barmeter steady , then rising , then steady again Riding to flood.

Lieutenant U.S. Dr.

Examined and found to be correct.

Proprie H. Salt. Savigator

LOG of the UNITED STATES Thip Essex. At anchor in Frothampton Water England.

Third Rate,

	_						-	V	-	-	-	-			13/23	1818
		Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			lear the.	Sea.
Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass,	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
		Flord	4.86.	<b>F</b> &.	2			30.49	59	56	53		0.c.om	eum mink		
			2"		2										0	
					2			30.49	58	56	54				0	
Lum	gwig	tooth	Jr. J. Ot.		1			30.49	58	56	54				0	
0	0			Calm	0			30.50	59	56	55				0	
					b			30.50	59	56	55				0	
Lumi	awa.	to deland	9.901. x		0			30.50	60	57	56				0	
	17	Olond	\$6.h.f.		0										0	
			98		0										0	
					0								b.c.m.	cum strak		
			86.49	104.	,										3	
					1										3	
	tion	tingnig	Friend Patent Log.  Alord  Linnigung to Abbr.	Placent by Standard Compass  Placent by Standard Compass  Placent by Standard Compass  F. S.  Liconomy to Chi.  Liconomy	COURSES STEERED by Standard Compan.  Direction by Standard Compan.  Standard Compan.  Direction by Standard Compan.  Sta	Company of a delay of the standard Company of the standard of the standard Company of the standard Company of the standard of	Sundand to the standard Company to all the standard to the standard company to all the standard to the standar	Reading COURSES STEERED Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Compan.  Direction by Standard Standard Compan.  Direction by Standard Compan.  Direction by Standard Standard Compan.  Direction by Standar	Reading   Part   Company   Direction by Standard	Reading   Part   Company   Direction by Standard   St	Reading   Direction by Standard Company   Direction by Standard	Reading   Part   Company   Direction by Standard	Reading   Direction by Standard   Direction by Standard   Standa	Reading	Reading   Courses STEERED   Direction by Standard   Section   Direction by Standard   Section   Direction by Standard   Section   Direction   Direction   Section   Section   Direction   Direction   Section   Direction   Reading   COURSES STEERED   Direction by Standard   Section   Courses   Co	

Course and distance made good since preceding noon by observations,	knots,	tenths.	
Latitude by D. R.	•	, "	
Longitude by D. R.	•	, ,	
Position at Noon: Latitude by observations of ②	•	, "	
Longitude by chronometer from Forenoon Observations of O		, "	
(Latitude by	. 0	, "	
Position at 8 A. M. Longitude by	0	, ,	
	•	, "	
Position at 8 P. M. Lagitude by Longitude by	•	, "	
Current during the time, knots tenths per hour, setting to the			
Error of the Compass by Azimuth O observed at , ship's head		,	
			variation used o
Deviation of the Compass by Azimuth O observed at , ship's head			variation used,
Error of the Compass by Azimuth O observed at , ship's head	0		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0		variation used,
Water expended during the preceding 24 hours,	40	o gallons.	
Water during the preceding 24 hours,			
Water remaining on hand fit for use at Noon,	120	00 "	
Coal consumed during the preceding 24 hours,	tons, 7	00 lbs.	
Coal remaining on hand at Noon.	tons, 7 49 " 17	30 "	

P. M.  1 Fly E. F. Z. 30.44 68 68 69 b.c. m.c. cum strat 2  2 R F W. 2 30.44 69 72 64 3  3 Fly W. 2 30.43 68 70 64 3  4 Floring to Eth W. ly F. 2 30.42 68 70 64 2  5 Edt NGN ly W. 2 30.42 68 70 64 2
3 5 4 8 1 2 30.43 68 70 64 3 4 8 1 2 30.42 68 70 64 2
3 5 4 8 1 2 30.43 68 70 64 3 4 8 1 2 30.42 68 70 64 2
3 5 4 9 9 2 30.43 68 70 64 3 30.42 68 70 64 2
4 Finning to Ett Ut.ly F 2 30.42 68 70 64 " 2
5 Ell NGP ly N . 2 30.42 68 70 64 cum wint 2
" Saly Ot. 2 30.42 67 68 64 0.0 m. "
8 Sungay to Flore N. N. N. N. Gardelle 0-1 30.44 67 67 63 b.c. cm 2 8 Flore SE. ly 8. 496. 0-1 30.45 66 63 1
8 Flore 96 by 8. All. 0-1 30.45 66 66 60 1
8 Florit FE. by F. 794. 0-1 80.45 66 63 1 9 " FE. balon 0 30.48 65 65 60 1
2 10 1 00 100
11 56 ly 9 0 30.48 64 61 58
Mid

Commenced and until 40.9m.	1 -02 -0
Commenced and until 4 a. M. Overcast Sight been to light steady. Flow tide until 3.30 when suring to est.	aus fine 96. Barmeter
thanky. Gent that much 5.50 when puring in cor.	00.P1
	Sixituant Q. S.O.
A + + > 2 Ou	Treutly and G. J. W.
Ornerst, hazy and calm. Fility party returned morning order.	Riding to flood Executed
monning orders.	
· ·	Energy Qu. J. M.
Benes & a. Ou. to Marid	Occept 40.0.00
Pleasant and hazy balow and light airs	from NOV. Barometer fallen
slowly at 9.30 mustered at quarter J. E. France, (6. 4. m), &	of tholy (app 3 el.) J. S. Carrel
Drow 8 a. M. to Merid.  Pleasant and Lazy Calm, and light airs alonely. At 9 30 mustived at quarter 9 & Drimin. (E. 49 m.), C. App Sol.) F. R. Branaw (arp 3cl.) To Hofir (app sol.) M. S. Reilly and I. Yarhina (Orew atta) about inthant leave. Commonwaing Off after quarter mustived the crew aft and read General Court 35. Commanding Officer read revoces. First Roman Catholic C. Released from confinement and restored to dicty R. P. De Kalt, Commanding Officer, expiration of centeries.	(upp set.) or & Ockstein (upp see
and I gashima (hess was revent when want lear. I would have the crew all and read General Court	martial Ordere Nos. 20 34 and
35 Commanding Officer read services. First Roman Catholic C.	huch party asker to blue
Released from confinement and restored to dicty a & De Yealt,	(app. 3 cl), by order of
Commanding Officer, eagenation of sertence.	Mardan,
From Precise. to of P.M. Cloudy and pleasant Light bring from along Didning to flood tidd suitel 1.30, ridning to wind next black party returned.	201 10. + 1 11
Cloudy and pleasant Tight brigg from	of water Roman batholi
Church party returned.	200
	Danty la da
to Pan	deeigejaur W. O. W.
From 4 to 8 P.M. Pleasant and have Fight been to light airs	fund SOL to SOL by OL.
Barometer steady their ning & Pholey app 3cl, returned from learn	48 hour writing M. L.
Reilly app. 3el and Hoffer app. 3el. returned on board 24 homes	exitine. Miding to flind,
Penn 4 to 8 9.90.  Pleasant and bays. Fight beyn to light airs Baroneter steady then viewig b Choley ap 3cl returned from lean Reilly app. 3cl and it Harffer app. 3cl returned on board 24 hours summy to elt at 4.10: seeing to flood again at 7.15.	
	Leitenant a. J. A.
Drum & P. Ou. to Quid	Caracterium (0, 0, pr.
C. blody and hazy. balm. Flord tide Baron	uter steady. J. E. Cremere
Drow & P. M. to Mid.  Cloudy and hazy. balm. Flord tide. Bavon (b. G. M), extured in brack & hour writine.	Liduly.
	Shutewart Qu. J. O.
Examined and found to be correct.	

Roger Hesalt Service Sentence Statement & S. O. Navigator

LOG of the United States Ship Essla Third Rate, At suchor in Gouthamptin Chater, England.

					0					-	200				1	2/2/	
1			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.	State of	Forms of	Clear 10ths.	2
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds. by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.		ugu	toek.	P. \$6.	Calm	0			30.48	62	61	59		0.0.m,	cum suin	60	
2		0	all	South		0			30.48	62	61	59				0	
3				J. NE.	Canable	0-1			80.47	63	61	59			E. Acil	0	130
				96. ly 6.	Calm	0			30. 47							0	
5				J. All.		0			30.48	63	59	58				0	
6					9.96	0-1			30.48	63	59	58				0	
				A lu 04.	Claritte	1			30.50	62	60	59				0	
8	Sun	wow	g to flood	9.6%0	9.98.	1			3050							0	
9				S. 6. Sug.	5.90.	1-2			30.50							0	
10					mlo D	0			20.49	125	Lest	43		ben		9	
11					5.90.	1			30.45							*	
Noon.						V			30.45				1			6	
									100				1				18
1							-		-	-	-	1	1				+

Course and distance	ee made good since preceding noon by observations,	knots,		tenths.		
	Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of O	•	,	"		
	Longitude by chronometer from Forenoon Observations of O	0	,	"		
	( Latitude by	•	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
	( Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	0	,	"		
Current during the	time, knots tenths per hour, setting to the					
Error of the Compa	ass by Azimuth O observed at , ship's head		,			1
Deviation of the Co	ompass by Azimuth O observed at , ship's head	9			variation used,	0
Error of the Compa	ass by Azimuth O observed at , ship's head					
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,		variation used,	0
Water expended du	aring the preceding 24 hours,	3	ve	gallons.		
Water	during the preceding 24 hours,			"		
Water remaining o	on hand fit for use at Noon,	9	00			
Coal consumed dur	ring the preceding 24 hours,	tons,	200	lbs.	be and	
Coal remaining on	hand at Noon,	49 1	130			

P. M.							1	1			
book & Jamigning 1	3.5.6.	Ngw.C	1	30.43	10.	16 4	0	b.0.m.	e	5	
1 Dinging & Mood	South.	S.W.	7	30. HO				b.o.m.		×	
3			1	30.99	121	17 4	5			1	
4	+	4	2	20.34	124	14 -	0			1	-
5 Gunging Kell.	Wask.		4	20.38						6	
6	William.		1	30.35			-			1	
7			1	10.00					eym,	0	
8,2	n.n.6		0-1	\$0.58						5	
books Junjanie 25.8	77.12.60 5.60 ly 60.	med	0	20.59						5	
10	, 0	4	0	20.09				V.v.m.w.		5	-
11		*	0	20.39						Q	
Mid.	Kyll &	N.W.	1	30.39					1	8	
	0					'				1	

Commenced and with A a 9n Cheather cloudy and miety. Calm to light variable airs Barometer steady. Ob 20 clock suring to elfortide. wrong to elfortide. From 4 to 8 a. 9. Sourcest cloudy and hazy balow and light Foly air Barometer ning shorty. Riding to lot; sinning to flood at 740. Received in brand 10844 lbs of fresh but, and 87 lbs fresh brand. Lieutenant Ou &M Ann & a.m. to mendion

Blondy to fin and phasant balon to light broughton

3.6. Barneter falling, Alordide. At 9.20 anishined and inspected at quarters, along the second without have 3.9. Barney, a. 3 d. 9. & blooming, a. 3 d. 4. & Brown, a. 3 d.

S. yalines Mart, Don Jang Jeag and 9. Sunder, a. 3 d. Whitled 1st Dropped gum,

S. nothern the states 3 d. He great gume, Brad Dr. Sundlame. The mayor of

Southampton accompanied by other circle functionaires and the 11.3 bradel

payed an official mintrothis west. Upon his departure find a solution 13 gum,

Bradel energy attraction. Received in lept of Supplus gund account,

10435 the regitables. Janby, windy amount, U.S.M. them mid to AP. M. Washin fair and pleasant Sight brings from S. by H & S. W. Barrery filling. The Commanding Office of AM S. Media, paid an of friend west to die strip of the attended and water for two days, by adain of Commanding office. I beginning in direct discharing and are of a water from the first of a water of the analysis of the first of the fi Whiteley Denderant, U.S.IL. From 4x & P.M. Fair's charand phasant Light being form 3.14. felling calm about smooth. Barnette strady. Survey to the letter the matter and the last some sopgethant yands. Sandy, U.S.N. From & P.M. to Mid.
Weather char and phasant balon to light airs from N.W. Barmeter, strady at 8.20 swring to flood tide.
Worklindry Conswhichery Limitmant, u.S.n.

Examined and found to be correct.

Rayer Alfalt Navigator

# LOG of the United STATES Ship Ossy, Waln, Waln, Ungland

					· WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Clear 10ths.	· Sea
Hour,	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air. Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.																	
1			Look	8. W. Sugs.	N.W.	1			30.38	62	59	57		t.v.m.w.	evm.	1	
2				2.2.0.12	W.S.W.	1			34.38	62	59	51				1	
3 9	·		heroxon	S. X &.	Wast.	1			30.08	leo	51	55			sign.	6	
		0	lege !	N.W.	V. W. by W.	1			80.38	59	51	00		,		6	
5				N. W.W.	. 0	1			30. 38	59	56	55				U	
6			,			1			30. 38	60	51	56					
7					,	1			30.39	60	58	56		J.w. w. 2	duin .	#	
8				N. hul.	V.W.	1			30. 39	60	59	51				3	
9	٠	٠	hallow	N. N. 8.	York.	1			30.39					0.0.0.			
10			0.00	North		1			30.39	61	60	58				•	
11			Reles	N. 1/2 0.		2-3			30.38					b.s.m.		2	
Noon.				Nhy 80.94 6.	N. h. 80.	2-4			30.37						e	6	
			1	1			300										

	The state of the s		
Course and distance	e made good since preceding noon by observations,	knots, tenths.	
	(Latitude by D. R.	0. , "	
	Longitude by D. R.	0 1 "	
Position at Noon:	Latitude by observations of ©		
Contrate de la contra	Longitude by chronometer from Forenoon Observations of O	0 1 "	
the our	( Latitude by	0 '4"	
Position at 8 A. M.	Longitude by	0 , "	
	(Latitude by	0 , "	
Position at 8 P. M.	Longitude by	0 , "	
Current during the	time, knots tenths per hour, setting to the		
( Error of the Compa	ass by Azimuth O observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,	
}	ompass by Azimuth © observed at , ship's head	o , variation used,	0
Water expended du	aring the preceding 24 hours,	400 gallons.	
Water www		2500 "	
Water remaining o	n hand fit for use at Noon,	3000 "	
Coal consumed dur	ing the preceding 24 hours,	tons, 800 lbs.	
Coal remaining on	hand at Noon,	49 " 330 "	

PM									4		
5 10 callisting to	Elyn	W. W.W.	3-4	30.35	65	64	59	b.v.m.	skak.	¥	
2	5. v. by &.		3-4	30.34	61	41	63			9	130
3	S. W. Ly S.	Now.	3-4	30.35	61	68	63	b.v.m.q.	١	¥	-
5 to Surregues to	X-all		3-4	30.31	68	61	61			¥	
pad with a real	N by W	North.	3-4	30.31	69	61	60	4	1	*	
6	N. N. W.	, ,	3-4	30.31	68	65	51		•	5	
7			5	30.33	65	64	38	٨		5	
8			x	30.35	62	61	55	1		9	
9:20 swinging to	,	N.Why N.	2	30.36	61	60	56	b.v.m.	١	×	
10 Kland to	8.8.W.	N. W. W.	3	30.36	59	51	54			4	
11	W. L. V.		2	20.36				1		6	
Mid.	W. S.W.	W. N.W.	1	30.35	56	56	53	*	+	5	

under the command of Commander & J. Drong.

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Arom Wird to H a. W. Wan, work and damp airs. Immy to all tide at ons.	
Char, cool and damp	Light V. Waxuly and Warry
aus. Surma Xo elletide at 0:15.	0 15
	Ch. Vishale
	gist & nsign, U.S.N.

from 11% of a.m.

A air of aloudy with displing row last half displit air
from 1 % and 11 a. Or 1 so called all hands and count topy allow yards.

Library who returned Received in Dept of Supplies and accounts 100% the half
10928 the regetables and of the bread.

Light air to gentle bruss from Vorthe bridge blance toward und of watch

Light air to gentle bruss from Vorth to the to Barmetry felling at 9 20

michigh what at quality and exercised divisions; Powder and thirt Division

at qual ques, Second at Pierto and Alied at single state. Received in

liquid new Best 2500 gallow of feeth water. The fellowing were found about

without bear, and revocate of line dollars, for their apparhetision and deliny

were sent as love; & P. Barney do at 7 a Chapterin a of 1 & R. Bramon, as drand

g single a single fairline, we det and W Jan were about from quanter

Whenter, Well of was apparated two days heard

WAWhiteley

Aron Waid to HP. M. dais and phasant. Just and modulate N. Kury Junes Ox 11 so summer of flood Hide, and at 0:00 long new & summer to elected. Oxnorad appoint us at ball under one and said, during the Sad pried. Wade preparations for during ship Ensign M. Name, No. 1. winned from one day have flowner.

Dannet 159 P. M. Vacker Jair, gentle to stiff bruge from the M. S. M. Dannet ining. W. gat see of Luyan a old me to week his about the stafe my time 1. P. Banner, a. old what R. Danner, a. old week for this officery like the by the point and muscale of the dollars each week you for this officery like the

Sumpto flood at 9:00. Mondight. Quette V. Why burges and aire
Sumpto flood at 9:00. Mondight.

Patiente.

Durign, H. S.N.

Examined and found to be correct.

Regue Hyalf-

variation used,

LOG of the UNITED STATES Ship Essex Third Rate, archow in Southampton Chater England.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.			Clear 10ths.	. 24
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M. 1	FL.	ack	Orater	SW.	Ch. J. Ch.	3-4			30.33	5-6	53	50		b.c.m. q.	cum.	4	
2			806	946	Ot. ly N.	4			30.32	56	54	51		. "		4	
3				Polith	.0	4			30.28	56	54	51				2	
4				Obest		4			30.27	56	54	51				1	
5				NO1. by N.	NOt. by Ot.	3-4		1000	30.27	55	54	51		".		2	
6				1. Frot.	NOt by N.	3.5			30.27	54	54	49				4	
7				4	. 1	3-5			30.28	54	54	49				5	
8						4-5			30.27							4	
9				NOt by N.	NOt.ly 01.	46			30.26							3	
10				NOW level.	. 1	5.7			30.24							3	
11				I by th.		5.7			30.25			1				2	100
Voon.				1	N. N. W.	5.7			30.22		1					3	

Course and distance made go	od since preceding noon by observ	vations,	knots,		tenths.
	Latitude by observations of ⊖ Longitude by S.A.M. {Latitude by		•	,	"
Position at Noon : Longitud	de by D. R.		0		"
Position at Noon : Latitude	by observations of ⊙			,	"
Longitue	le by chronometer from Forenoon	Observations of ②	0	,	"
Latitude	by		0	,	"
Position at 8 A. M. Longitud	le by		0	,	. "
( Latitude	by		0	,	"
Position at 8 P. M. Longitue	le by		0	,	"
Current during the time,	knots tenths per hour,	setting to the			
Error of the Compass by Azir	nuth ⊙ observed at , sh	ip's head	0	,	
Deviation of the Compass by	Azimuth O observed at	, ship's head	0	,	
Error of the Compass by Azi	nuth ⊙ observed at , shi	p's head	0		
Deviation of the Compass by	Azimuth O observed at	, ship's head	0	,	
Vater expended during the p	receding 24 hours,		40	0	gallons
Vater	during the preceding 24 hou	irs,			"
Vater remaining on hand fit	for use at Noon,		21	600	
coal consumed during the pr	eceding 24 hours,		tons, /	500	b lbs.
Coal remaining on hand at N	oon.		tons, /	07	2 "

						-		-		
P. M.				-		-				
1	Flord	A.494.	A. NOV.	4-7	30.23 58	57	52	b.c. 9.p.	com mint	4
2				4-7	30.23 58					4
3		6.46	4	4.7	30.22 59					4
4			North	6.7	30.2657					3
5		North	Al ly 6.	5.7	30.3654					3
6			A by th.	5.7	30.31 52					3
7 9	Sungring to Ell	Aly Qt.	1	3-5	30.34 52			b.c. q.m.		6
8	Elle	1.191.		3-5	30.38 52			0.0.7	stial.	6
9				8-4	30.340 50			b.c.m	η	5
10	"	A by Ch.		3.4	30.40 50			0100000	10:01	5
11	, (	E. NE.		4.5	30.41 50					6
Mid.		North		+5	20.40 49				cumptivale	6
					-3.40 49	41			2002	

Commewced and until 4 a. M. Chady Moderate breeze from Oh & M. to Oh. by A. Fring to flood at 1.30. Barometer falling!

L. M. named Euwign I S. Ch.

From 4 to 8 a.M. Cheather fair. Moderate to stiff breeze from N. a. h. B. to N. h. h. B. armeter steady. At 8 o'clock durind ship rainter fachion English energy at the main. Recent in Dept. of Supplies and accounts 108°/4 lb. bolf 108°/4 lb. negitable and 87 lb. brad.

Wishhirlery Sen. Leutewant Ch. S. Ch.

From Merid. to 4 9.9 ... Cludy and aqually with facering shows . Moderate to fruk hazer from N. N. B. to North Brokemeter riency last hour Strated to every to flow at 2.30. Aiding letime usual rand tide. Feel librity party of boys and how on above Alesand from confinement by order of Commanding Office. H. D. B Ward, agg. 3 cl., by reason of eaquation of confinement.

In name & JON.

From 4 to 8 P.M. bloody to fair and cool. Stiff to free Northerly breeze in aqualle moderating at sud of until . The following afformation failed to ketury from library:

- to & Johnson, O. a. Bullionen, John Pai daughten at annel hudward adig. Februage to 184 tide at 6.30.

Ro Lind ale

& Energie & P.A.

From 8 P. Dr. to Mid. Cloudy and cool Gentle to moderate and It heezes in equalle from I by Oh Branmeter silving alonery. Priding to wind and tide.

L. M. Hause

Examined and found to be correct.

Roging ASalt Secretary De Soll Navigator

LOG of the UNITED STATES Ship Essex. Third Rate, and anchor in Southampton Chater, England.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of		Clear 10ths.	3.
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.			6H	North	N by Ob.	3-4			30.44	48	46	44		b.o.ms	cum ation	6	
2					Ó.	4-5			30.44	48	46	44		,	1	6	
3	Lus	ngn	ig to Flus	L -		4-5			30.44	47	46	44			1	6	
4		0	0	8. ly 9.		4-5			30.45	47	46	44			"	7	
5	of,	umug	inis	9. 8, 94.		4			30.45					.,		8	
6		0	abr 1	A. ly Ob.	•	-3			30.47						"	7	
7						3			30.47					"		9	9
8			,	A. 404.		3			30.47							8	
9					N. N. Ot.	3			30.46							5	
10						3			30.45			/				4	
11	Lun	wa.	g to flow	1.16.		4.5			30.44		1000			b.c.g.m		4	
Noon.		1	J			3-5			30.43							4	
									133	1			1			1	

Course and distant	ee made good since preceding noon by observations,	knots,	tenths.	
	Latitude by D. R.	0	, ,,	
	Longitude by D. R.	•	11	
Position at Noon:	Latitude by observations of O	•	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,	
	( Latitude by		, ,,	
Position at 8 A. M.	Longitude by	0	, ,	
		0	, ,,	
Position at 8 P. M.	Longitude by	0	, ,,	
Current during the	e time, knots tenths per hour, setting to the			
( Error of the Comp	ass by Azimuth O observed at , ship's head			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0		variation used,
(Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0		
Deviation of the C	ompass by Azimuth O observed at , ship's head	. 0	,	variation used,
Water expended d	uring the preceding 24 hours,	401	gallons.	
Water	during the preceding 24 hours,		"	
Water remaining of	on hand fit for use at Noon,	220		
Coal consumed du	ring the preceding 24 hours,	tons, 70	o lbs.	
Coal remaining on	hand at Noon	175 " 0-	- "	

						-	-		-	-	T
P. M.											
1	Flord	North	N. N. W.	3-5	30.40	58	50	51	b.o.m.g.	cir.aum	4
2		N8.	n	3.5	30.39			100			4
3	-	NE.ly 8.		3-5	30.38	59	57	52	b.o.m.		3
4		E. 9 E.		3-4	30.35				"	.,	3
5				3-4	30.35						4
6		North		3	30.33					-	4
7	Gbf			3	30.33	59	55	52			4
8		N 24. ly N.		2.3	30.34						3
9		0		2	30.36	57	54	52		~	3
10		1.101.		2	30.36	56	53	51			4
11	- 1			2	30.36	55	51	48			3
Mid.	Flord	A. ly E.		2	30.36	54	51	48			3
		0									

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until # a.M. Pleavant cool and hazy. Gentle to stiff hery from I by the Barometer steady, then growing. Riding to left till 300, sunlying between flood and unid nest of watch.

Mardan. Sientenant a. S. R.

From it to 8 a. M. Character Considerate to gentle breeze from I by 9h. Firming to elt alms 5.30 boat barge same almoside at 7 and higan at 7.30 to cral ship. Received in Dept. of Frephiese and accounts, following fresh promises: 108% to be hef. 108% the organization and 8 f lbs bread. J. M. Laughlin lips 3el, returned in brand 13 home virotame.

RD. Lishale

From 8 a. M. to Merid.

Colondy, equally last part. Tentle to etiff breeze from N by to to N. N. Baroneter falling. Engaged in colling ship Received on board 75 tone coal, during watch Began eveniging to flood at 110 clock. Energy R. D. Tridale left the ship on three days leave.

The Normal

L. M. nound

From Decid to 4 P.M.

Pleasant and hay. Sentle breeze with stiff to moderate equalle

from I. 10 M. Baroneter falling. Principled exaling ship. Received in board in Equipment

Diept 97 tone cral B. E. Thaip App 3cl., and W. A. Fullirin App. 3cl., returned from librity

48 Hours continu. a. E. Though Lds., returned from leave. By order of Communiting Officer, Confinish

36. F. Quare App 3cl., for three days politary confinement; Continued anolations of legalations

regarding emoking.

By Dieutenant Q. J. Dr.

From 4 to 8 9 M. Dair and pleasant. Gentle breze from N. N. Barometer falling always Survey to all tide at y o clock.

Sm. naver Susign a. &. Dr.

In Lewtenant U. J. M.

Examined and found to be correct.

Hage Healt Sa Sa Navigator

LOG of the United States Ship Essex Third Rate, archor in Southampton Mater England.

	Reading		wind.				BAROMI	ETER.	TEM	PERAT	URE.			lear ths.	38		
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.			Mende	9.98.	S. S. Ol.	1			30.36	53	50	48		0.c.m.	cum.ainel	0	
2				£01.	Planable	0-1			30.35	52	50	48			"	0	
3				F. L. W.	Ob. Joh.	1		333	30.33	53	50	48		o.c.m.d	,	0	
				9. O.	"	1-2			30.32	54	51	49			,	0	
5					,	1			30.29	54	51	49		0.0.m.n.		0	
6				f. by Ol.	,	1			30.28	53	51	si		"		0	
	of in	un.i.	todler	NOV.		1			30.28					.,		0	
8		00	Flore	Sorth		1			30.29	55	53	53				0	
9			0.0	101		2			30.21							0	
10				NON by N	N94.	2			30.21	56	55	54					
11				7		1			30.21					0,c.m.d.		0	
Noon.				Aly E.	A.NE.	1-2			30.19					o.c.m.d.p		0	

Course and distance	e made good since preceding noon by observations,	knots,	tenths	
	(Latitude by D. R.	0	, "	
	Longitude by D. R.	0	, ,	
Position at Noon:	Latitude by observations of O	0	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0	, "	
	( Latitude by	•	, "	
Position at 8 A. M.	Longitude by	0	, "	
		0	, ,	
Position at 8 P. M.	Latitude by Longitude by	0	, "	
Current during the	time, knots tenths per hour, setting to the			
( Error of the Compa	ss by Azimuth O observed at , ship's head	0.	,	
Deviation of the Co	ompass by Azimuth O observed at , ship's head			variation used,
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	•	,	variation used,
Water expended du	ring the preceding 24 hours,	6.	50 gallon	s.
Water	during the preceding 24 hours,		"	
Water remaining o	n hand fit for use at Noon,	15	50 "	
Coal consumed dur	ing the preceding 24 hours,	/ tons, 4	400 lbs.	
Coal remaining on	hand at Noon,	173 " /	840 "	

						-				
. M.										
1	Flore	98. ly 9.	194.	2	30.19 6	0 58	57	0.e.m.p.d	cum wint	0
2			4.494.	3	30.18 6					
3	Sumaning to Est	Aly &.		3	30.18 6			b.o. m. y.d.		2
4	00	1.86.	Neget.	2	30.18 6			0.e.m.		0
5	Sunging to Flore	96. ly 9.		1	30.18 6					0
6	0 0			1	30.18 6					0
7		\$6. ly 6.		1	30.18 6					0
8	Furnising to GAL	1.18.	J. Net.	1	30.20 6					0
9	Luriging to all	Je by 24.	,,	,	30.20 6					0
10		1.49		1	30.21 6					0
11				1	30.23 6				,	0
Mid.	.,(			1	30. 23 6					0
	J.				30.00	1	1001			1

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and with 4 a. M. Overcast and misty, with light driggling rain at times during last half balow to light brey from Mr. and Old Baronten falling. Flood tide. It's Leithant Ou S. O. Executed morning orders. Reterrib in Dept. of Supplier and accounts, 188 % lb sach of Inf and origitables and 87 lb. brad. Began surriging to flood at 70 clock. From A to 8 a. M. J. M. Name From 8 a. M. to Monid.

Overcast, cloudy, mit dursting rain or passing shower Light air to light been from Oh. NOt. to A. A. E. Barbuter steady their falling metricited apprentice in knotting and ephicing. From Meride to 4 P. 9n. Inm Preside to 4 P.M.

Ourcast to cloudy, misty light duygling rain at time Light to gentle beey from AC. I All and it by the Barmeter fell elightly. Finning to flow title about 12.30 rains to elt rabut 2.30. Flack with at such Lent librity party of mise and boys our show Turn show workness at work in Engineer Dept.

Limited 9. 4 D.

Limited 24 4. 4 D. From 4 to 8 G. C. Colondy and misty. Light airs from & Ch. Baroneter steady. Riding to floor after 4.56, suring to elt at 9.30. Lieutenant Or. J. W. From 8 P. M. to Mid.

Overeast and mity. Light air from A. M. Barometer riewiz. Est tide.

Ot orkness in Engineer Dept. went on alon At 8.10. Lis dufy Sunt On S. ON.

Examined and found to be correct.

Hazus A. Galt G. & M. Novigator

LOG of the UNITED STATES Ship Essler, At anchor in Gouthampton Chater, England.

Thud Rate,

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of		the the	Sea
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.			all	1.66	A. N. Ot.	,			30.23	60	57	5.5		0, o. w.		0	
1 2				NE har.	1	2			30. 23					1	.,	0	
3				Nh 6.		2			30.23						,	0	
4				Moth	1.01.	1			30. 23	59	56	55				0	
5 6	funn	gring	to deland	96.46.	1.401	1			30.25	60	56	55				0	
6	0	1	Blood	0		1			30.27	59	56	55			-	0	
7				6.96.		1			30. 28	58	56	55				0	
8 8	Bun	guing	to 64	A. h. E.	16.	1			30.29	59	57	56		b.o.m.		1	
9	-	0	EH	1.18/26.		1			30, 30					0. c.m.		0	
10				J. NOt.		1			30.30	61	57	56		0.0.m.d		0	100
11				<u>.</u>	balm	0			30.29	61	61	60		b.c.m.	-	2	
loon.				NOt by N.	N. 19.	1			30.29	64	61	1 60				2	-

Course and distance	e made good since preceding noon by ol	oservations,	knots,		tenths.		
	(Latitude by D. R.		0.		"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		0	,	"		
	Longitude by chronometer from Fores	noon Observations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	( Latitude by		0		.,"		
Position at 8 P. M.	Longitude by		0	16	"		
Current during the	time, knots tenths per h	our, setting to the .					
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0			variation used,	0
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	,		variation used,	0
Water expended du	ring the preceding 24 hours,		65	0	gallons.		
Water Acceur	during the preceding 24	hours	210	00	"		
	hand fit for use at Noon,	, mours,	300	00	. "		
Coal consumed duri	ng the preceding 24 hours,		tons,		lbs.		
Coal remaining on	hand at Noon,		"		"		

Р. М.										
	Ebb	A. ly Ot.	1. 1.91.	2	30.31 6	,5	4 61	D.c. m.	cum minde	. 0
2 5	Surging to Flord	N. N. E.		2	30.31 6	4 6	461			0
3	Flord			2	30.3/	04	64 61			0
4				3	30.316	46	461			0
5 6	Suring to Est	96. ly 9.		2	30.32	046	461			0
6	616	9.98.		2	30.33 4	056	4 61	b.o.m.		2
7				1	30.366	56	4 61			2
8		Final		3	30.38 6	4 6	3 60	b.o.m.d		0
9		1. ly 94.		2	30.39 6	,3 6	1 59	0.0.m.N.		0
10				2-3	30.39 6			0.0.m.p.		0
11		N. 1086.		3.4	30.42 6			0.0.m.q.		0
Mid.			Storth	3-5	30.45 5			b. o. a. d. q.		3
								,		

Commenced and until 4 W. On. Obrather cloudy. Light airs to light breeze from N. N. Ot. to St. Or. Barmeter steady.

WBWhinley Lieutewant On S. Or

From 4 to 8 a. M. bloody and bagy Tight airs from A. 194 to ME Barometer nieng. at 4.30 puring to floor at 8.00 piringing to ebt. Received on brand in Dept of Papelleis rand accounts 108 1/4 lbs. each of fresh buf and negetables, and 87 lbs. of brand. at 7.45 loved paid.

Lieutenant Ch. J. 9k

From 8 a. P.M. to Orecast to cloudy, miety, dryslug warm second how. Sight air from N.E. at first then calm then light airs from N. H. Barometer was elightly then fell alightly.

all tide. at 10.15 peut down top-gallout yards court brut top-gallah sails. At 11.75 finled sail and crossed top-gallout Arrole By order of Commanding Officer Pay bleck John Early Nill, was transferred to the D. F. Chamb Scriptle at Brooklyn, R. J. for treatment in accordances with the recommendation of a Chedical Brand of Guerry Received 2000 gallow freel water in Dept. Supplies and accounts. In Orachimite at work in Engagemen Dept. In office from 4.16.5. Inches came on board to thank the Common Officer of the Arrow of the Chester of the Ch

and E. Fruith blief Machinish, returned from leave. Fibrity party of apprentices would asker. Chackinist from clamp.

WBWhiteley De J. M.

Own it to 8 P.M. Dricast to cloudy muity drughing vain last half how. Light and to gouthe beeze from N. N. B. Barometer showing. Flood tide at first, swang to ell braven if and 5. Librity party of boys returned. Received in Dept. of Supplies and Accounts 1054 lb. brif 1084 lb. organized and 87 lb. bread. Machinete friends repairing channel pump and unit on also at 795.

From 8 P. M. to Onid ... Cheather clondy with passing rain aqualle Gentle to stiff breeze in aqualle from A. N. Ch. to North Baroneter steady.

wistofically of J. S. Or.

Examined and found to be correct.

Rogers A. Galt Sell . Narigation

LOG of the UNITED STATES Thip Essex. At anchor in Southampton Water, England.

Third Rate,

			, ,				-						Mark Brown	1410			
			Reading		WIND.				BAROM	ETER.	TEM	PERA	TURE.	State of	P	Clear 10ths.	9
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M			614	J. set.	North	3.5			30.49	56	55	52		b.c.m.q.	cum mint	5	
2				Jr6.		4-6			30.50					"		5	
3						4-6	-		30.50	55	53	51				3	
4				N6. by A.	J. N.E.	3-5			30.52	54	52	50		0.c.m.g		0	
5						3-5			30.58	54	54	50		f.c. m.g.		5	
6	Lum		to Blood	6.16.		3-4			30.58	54	54	51				5	
7		00	Flord	98.46.		4			30.60	54	54	51		b.c.m.		4	
8				1	-	4			30.61							6	
9			EH.	16.		4			30.63	58	57	52				4	
10				J. NE.		5			30.62	60	59	54			1 4 5	4	
11					16.	5			30.6	60	59	54				4	
Noon.				N. by 04.	A.46.	4-5			30.62					b.c.m.g.		4	

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 , "
Longitude by D. R.	0 , "
Position at Noon: { Latitude by observations of ©	0 , "
Longitude by chronometer from Forenoon Observations of ⊙	0 , "
(Latitude by	0 , "
Position at 8 A. M. (Latitude by Longitude by	0 , "
( Latitude by	0 , "
Position at 8 P. M. (Latitude by Longitude by	o , "
Current during the time, knots tenths per hour, setting to the	
(Error of the Compass by Azimuth O observed at , ship's head	0 1.
Deviation of the Compass by Azimuth @ observed at , ship's head	o variation used, o
(Error of the Compass by Azimuth O observed at , ship's head	• • •
Deviation of the Compass by Azimuth © observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	600 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	2400 "
Coal consumed during the preceding 24 hours,	tons, /200 lbs.
Coal remaining on hand at Noon,	173 80

P. M.											
1	elt.	1. 49.	JG.	4-5	30.62 64	62	55	be.g.m.	circum.	6	
2 Lu	mignig to Flord	JU &.		4-5	30.6364						-
3	Flord	6.98.		4-6	30.63 64	62	56		The state of the s		
4		East		4-5	30.6464	62	56				
5		6. h, 8.		4-5	30.65 63	61	55			3	
6		38.3		4-5	30.67 62	61	55			5	
7		96		3	30.68 61			b.c.m.		5	
8	-			2	30.68 60					5	
9 8	migring to Ell	6.98.		2	30.70 60					4	
10	6th	6. NE.	6. 16.	2	30.71 59				2000	4	
11	1	Je.		3	30.73 58				aus . etiat	3	
Mid.		A. J. W.		3	30.73 58					5	

Commence and with 4 a. On. Cloudy to rescart. Gentle to fresh been in equalle from North and N. N.E. Branmeter Ling. Reding to elt and wind.

Im name Ensign & & M.

From 4 to 8 a. Mr. Dair and cool. Gentle to stiff breeze from N. No. Barmeter ning . Ell tide find part, aring to flood between 5 and b. barned but morning orders. Library party returned . L. Jacky, XB. Liby, Stutemant Q. 9.90.

From 8 a. On. to Onewid.

Or eather fair. Onoderate to orif here in equally from A 46 to NE Barometer atendy. This riding to wood first half and brune wind and lot tide during last half of worth. On 9.00 the Commanding Officer inspected the chip with erw at quarter, after which held Divine Ferree. I Gashimo Grew attendant, absent without leave.

Wishburley Treintenant QL & R.

From Mivid to 4 P.M. Clear and pleasant. Pardevate to fresh been in aqualle from N.E. Baronetu riung elorby. Began sumgaing to floor at 20 clock. Roding to wind and tide. Sent librity facty of mis and appointers achor at 10 clock. Released from enfument by order of commanding Officer it. I Durne appointers his period of confinement having expelled; emfaith by came authority, J. C. Buchanaw app. slave, for fire days solitary, on band and water, office, theft. En. S. I ridale seturned from later.

Ensign Q. J. 9.

WBWhiteley Lintenant W. J. O.

Farm & P. M. to Mid. Pair and pleasant. Fight to gentle been from NE to & NE Rising barometer. Edt tide.

L. M. Hanne Eurign Q. J. M.

Examined and found to be correct.

Roger Healt De J. W. Warregator

Third Rate,

LOG of the UNITED STATES Phip Essex. W anchor in Southampton Chater, England.

-	T		Deadles		WIND.				BAROMI				TURE.			lear bs.	3
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clonds, by symbols.	Prop of Clea Sky, in 10ths.	Stateofthe
A. M.			<b>б</b> И.	Jr. N. Ot.	JIE.	4			30 74	56	54	50		b.c.m.	cum.	4	
2					the state of the state of the	3		-	30.75							2	
3	Sun	igm	a to Old	& h. d.	N. N. 6.	3			30.75	-53	51	47				2	
4		1	<i></i>	48.		3			30.76							2	
5	Bur	wgn	in to att	6.48.	NE.	3			30.78							2	
6		0	GH.	J.NE.	J. NE.	2			30.79					0.c.m.	-	0	
7				96. l. E.		2			30.79							0	
8			Blad	\$8.0,9	1	2			30.79					b.o.m.		4	
9				98. h. E.		2			30.76						-	5	
10				A. W.E.	6. by 9.	2			30.74							6	
11	90	ack	water	6. h. M.	JE.	3			30.72						cir.cum		
			ray	Crannie	East.	3			30.71							6	
-	1.4	*	445			-							-	MINOR WHO IN NO.			

Course and distance	e made good since preceding noon by	observations,	knots,		tenths.	
	(Latitude by D. R.		•	1	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Fo	renoon Observations of ⊙		,	"	
	(Latitude by		•	,	"	
Position at 8 A. M.	Latitude by Longitude by		0	,	"	
			0	,	"	
Position at 8 P. M.	Longitude by		•	,	"	
Current during the	time, knots tenths pe	r hour, setting to the				
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		4		variation used,
(Error of the Compa	ass by Azimuth O observed at	, ship's head	c	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used, o
Water expended du	aring the preceding 24 hours,			500	gallons.	
Water	during the preceding	24 hours,				
Water remaining o	on hand fit for use at Noon,		1	900	,	
Coal consumed dur	ing the preceding 24 hours,		6 tons, 2	240	5 1bs.	
Coal remaining on	hand at Noon,	•	166 2	208	0 "	

				Making pas	uage to H	arry, O	haure.			-			1	-
P. M														
1				Parime	East	2	30.71 6	3 64	57		b.c.m	cum unit	6	
2			2.2			2	30.70 6	2 61	56				6	9
3	6	1	8.7	946/26	₹.9E.	3	30.70 6				D.O.M.		0	1.
4	5	. 2	8.7 9.5 14.7	9 ly & 12 &. 9 ly & 14 &		4	30.72 5	5 56	53	54				
			19.9		8.98.	3	30.69 5				6.0.m.			
			26.4		6. ly 9.	3	30.68 50				,	cir. cum.		
					,	5	30.68 5							
8	1	7 4	33.5	9. ly 6 /26.	East	4-5	30.67 5							
9	1	1 3	48.6	1 .		4.5	30.68 5							
10	6	5	55.1			5.6	30. 68 50				4-1-1-1			
11	5	5	61.7	83/4.04.		3	30.66 5							
						3	30.65 5							
200	1							1						1.

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewced and until 4 a. ON. Clandy and corb. Onoderate and quitle being from NE to Sing to flow tide about 3.30.

astindale Ensign QL. S. W.

Jum 4 to 8 a. On Cheather cloudy but pleasant, with gentle to light brey from NE to A. NE. Barometer steady. At 6, serving to 20th going back to flood during the hour. At 6.15 started free in brilew it brilew is bride D. Part on steaming corne, which starboard chair from sheet auchor took off sirvel and but that chair to its new part. Recent in Dept of Eupplies and accounts 108°14 lbs. brif: 108°14 lbs. orgetables; and 87 lbs. briad.

Orm 8 a. On to Merid

WBWhitelery Lieutenant QL & 9K

Hoay and pleasant. Light to gentle breen from N. V.E. to East. Falling baroneter. At 8.30 horr up, catted and filled port anchor and how in to 15 fathers no transford chain. Hoad quarter for muster at 9.30. Oco observe. I yashima Press Otted, was declared a deserte from Chay 17. Regist in both borner, unrigged both accommodation ladder and british and account all brate for sea Engine were tuend over at 10.15 and reported ready at 11.20 when called all hander and have up starboard anchor Churcheury at 11.25 and standing down Inthaupter Chater till end of watch bommauding Officer and Changater on the bidge Chader steam alone Boilers A. B. and D. Draft forward 14' 2", aff 16' 6".

From Merid to 4 P. M.

J. M. name Eusign Q . J. W.

breeze from J. S.E. after 2.45. Flanding into Flent Chin turning to Ed. at 12.30 off Readbling. At 2.10 part one potent leg analima 22.1, made ence TE by J. Phone Lighthy bring on atabrang bram distant 1/2 mile 21.40 change concer to J. by Eh & (g.) patent leg 6.2, aligh ring on atabrand bram distant 1/2 mile 21.40 changed ence to J. by Eh & (g.) patent leg 6.2, aligh ring under one of Commanding Officer until the time. At 3.15 changed ence to 45.61.66 (gc.) patent leg 9.5 by other of Emmanding Officer Rumbu of nearly in English blauml standing to Ed. and Old. Bluder stand trained to Ed. and Old.

Oluder stand british At 8 and D. Avrage stiam present of lb. Arrage revolution 42. Tel fore and aft acid foresail at 2.45, but took them in again \$5 minutes due to ability of und alread Jacked the auchor. Secund monable deep gear. the auchors. Tecured morrable deck gear. RA. Sindale

Eurign U.S. 91 Orom + to 8 9.90 F. 96. to East Barmeter falling alonely. Our owners of the tomoderate and stiff being in agrally from I 96. to East Barmeter falling alonely. Our owners of the thought steam alone till it so when set for and aft said. At 4 older art formal at 103 by order of Commanding Officer changes comes to I by 6/2 E. patral log 35.9. A number of earling visuals and steamer eighter lineage attent present 56 to Mondeline to.

Eusign 9 9.90 From 8 G. M. to Prival Dair and corl. Tilf and fresh breyer from East bone I by 5/26. cutil 10.12 when changed to 50/4 th. (ye) by order of bonemanding Officer along 10 10 sighted a 20 cicles interval white fead light braining I feel from the braining about \$1/2 th bring braining I begin to all of bage de la obser. Thude steam, turk in and fueld foresail at 8 30 and for and aft and Examined and found to be correct. at 10 0 clock. Prooducte sea and ground everl.

RATiodale Player N. Galt Enter & Energy & S. N. Savigaton

LOG of the UNITED STATES Thip Essex. Third Rate, Making spassage from Inthampton England to and moored in Basin de l'Eure Have

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			Clear 10ths.	1 69
Hour.	Knots.	162	Leeway.	Height in inches.	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe					
A. M.	5	2	74.0	\$ 3/4 94.	E. ly A.	4			30.63	54	53	50	54	b.c.m.w.	am.umit	4	
2	6	1	80.1 .		Edet	3			30.63	54	53	50	54			4	
3	4	72	85.0	N8. 44 A.		3.4			30.61	54	53	50	54	bemud.		2	
+	7	3	90.0	146.	6. ly 8.	4			30.60	54	53	51	54	b.anv.w		3	
5	6		96.2		.0	3			30.60	53	53	51	54		1	3	
6				NO1. h. St.		3			30.60	54	51	49	54		-	2	
7				421.		3			30.58	55	52	50	54	0. c.m.		0	
8				Praumi		3			30.56	55	52	50	54	b.c.m.	cir eum	5	
9	aue	hond		A. ly E.	East	3			30.54	58	59	54		,		5	
10				,,0	6.46.	4			30.53	59	58	54				5	
11				,	"	4			30.51	60	59	54			-	4	
Noon.						4			30.49							5	

89. 6 Distance	ly fog.					
	e made good since preceding noon by	observations,	knots,		tenths.	
	(Latitude by D. R.		0	,	"	
10. 10	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Fo	orenoon Observations of O	0	,	"	
	( Latitude by		0	,	"	1
Position at 8 A. M.	Longitude by			,	"	
			0	,	"	
Position at 8 P. M.	Longitude by			,	"	
Current during the		r hour, setting to the				
	ass by Azimuth $\odot$ observed at	, ship's head	0	,		
1				,		variation used.
	ompass by Azimuth O observed at	, ship's head	C			variation used,
1	ass by Azimuth O observed at	, ship's head				
	ompass by Azimuth O observed at	, ship's head	0	00		variation used,
	aring the preceding 24 hours,		7	00	gallons.	
Water	during the preceding	24 hours,			"	
Water remaining o	n hand fit for use at Noon,			00	"	
Coal consumed dur	ing the preceding 24 hours,		4 tons,			
Coal remaining on	hand at Noon.		162 "1	280	) "	

Р. М.	Thips head.	6.16.								
1	1/2 &	that .	5	30.47	62	60	56	b.c. m.	cir. um.	6
2			4-6	30.46	62	60	56			6
3			4-6	30.43	62	60	56			7
4			4.6	30.42	62	60	56			8
5			4.6	30. 42	62	60	56			7
6			4-6	30.42	61	59	56			7
7			4-6	30.43	59	58	55			7
8			4.6	30.43				.,		6
9			4-6	30.44				b.o.g.m.w.		6
10			4-6	30.44				,		6
11	( .		4-6	30.43						7
Mid.			4.6	30.43						6

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. On Pleasant hazy due falling. Sentle to moderate breye from 6. by A. to E. by F. Barometer falling. Fleering a course 9. 3/4 b. under steam alon at 2.85 hauged course to 4 & 3/4 4.; at 3.35 to 93/4 E. and at 3.48 to F. by E. The lighter off the entrance to Havor in sight all the watch Many fishing brate and two steamer sighted. average steam 55 lb. average revolutions 40.

Gentenant Ou J. R. Come 4 to 8 a M. Sloudy and have to oriceal Sentle heer firm E by I Falling barrente. At brogning of watch in cruse & by E standing in towards introduce of por of Fabors. I ork filed in frank at 4.50 and at 4.56 haulid in patent by reading 962 at 4.30 name to another in 12 factome water, and writed to 20 factome to avoid high water Chade international Rumber which was accounted from Lyond Station in bague li Berr. At 7.15 brought to starband chain and how my cated and field starband anchor. At and of watch standing in for entrance to Basein de l'Eure, field and Commawaling Officer in charge. Orm 4 to 8 a. 9n

mo name Ousign M. S.M.

From 8 a. In . to Merid

Examined and found to be correct.

Course at Harry but pleasant. Moderate breeze from East to E. N. E. Entered be assented at Harry but pleasant. Moderate breeze from East to E. N. E. Entered anchor them port anchor in Basin de l'Eure: would be so fathous port chain and 25 fathous atarband chain, now no bear and seemed to Dock, morning ship head and stown leading N's E. Allowed from to die out under boilers to and so and mounted distilling at 10, newig boiler to Bond from to de out under boilers to and mounted distilling at 10, newig boilers to Bond to watch engaged in cleaning up ship for port Fresh an official to pay neglect to D. S. Commenday of watch for gard on cleaning up ship for got Fresh and forms. Draft of ship 14' I forward, 16' 6 aft. Eurogic S. M. Gamer left ship on their days leave of absures. left ship on thee days leave of absence. as. Tindale

Gusign Q. & M.

From Presid to 4 9.90.

Cleasant and hazy Products to freel been from 6. No. Barometer falling Penbruh sail and sent down topgallast yards. The Olist Deputy Control paid an official with to the ship Leist I. B. Phitteley R. J. Ph. Left the ship or one works leave of absence.

g. N. Jordan Qu. S. Oh.

Drow 4 to 8 P.M. Char and pleasant. Onoderate to fresh beyo in equally from E. N.E. Armelov of viertors came off to skip. Distilling

Ensign 4 8 0k

Dean 8 P. M. to Mid. Pleasant and kazy Beary deer. Onederate breeze with fresh aqualler from E. W. Barnette steady.

J. K. Jordan. Q. J. M.

Rozers N. Galt De. 9.90. Navigation

# LOG of the United States Thip Essex. Third Rate, Moored Head and Flew in Basin de l'Eure, Caon, France

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.		Forms of	Clear 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop of C Sky, in 100	Stateofthe
A. M.				11/26.	હૈ. <b>√</b> હે.	4-6			30.42	.56	54	54	52	b.c. m.d.q	civ.cum	7	
2						4-6			30.42	56	54	54	52			8	3
3						4-6			30.40	56	54	54	62			6	
4						4-6			30.40	56	53	53	52		cum atral	6	
5						4-5			30.40	56	54	54	52	b.c.g.m.w.		6	
6						4-5			30.40	58	56	56	53			6	
7						4-5			30.40	59	58	58	55			6	
8						4-5			30.39	60	59	59	56	bam.g.		7	
9						4.5			30.36					. '		5	
10						4-5	3		30.36							8	
11						4-6			30.34						cum	8	
Noon.						4-6			30.34	64	63	159				8	

Course and distance	e made good since preceding noon by observations,	knots, tenths.
	Latitude by D. R.	0 , "
	Longitude by D. R.	0 , "
Position at Noon :	Latitude by observations of O	0 / "
	Longitude by chronometer from Forenoon Observations of O	· " · · · · · · · · · · · · · · · · · ·
	Latitude by	0 , "
Position at 8 A. M.	Longitude by	0 , "
	( Latitude by	0 1 . 11
Position at 8 P. M.	Longitude by	0 , "
Current during the	time, knots tenths per hour, setting to the	
( Error of the Compa	ss by Azimuth O observed at , ship's head	0 , 1
Deviation of the Co	empass by Azimuth O observed at , ship's head	variation used,
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended du	ring the preceding 24 hours,	500 gallons.
Water disti	elled during the preceding 24 hours,	1700 "
Water remaining or	n hand fit for use at Noon,	2700 " 2 tons, 000 lbs.
Coal consumed duri	ing the preceding 24 hours,	2 tons, 000 lbs.
Coal remaining on l	hand at Noon,	160 1280

P. M.	. 11:12 &	1120 5	4-6	30.33	1-	1.1	1.	0		1
	JU1/2 6.	No. ly 8.						b.c.m.g.		
2			4-6	30.3/	66	65	60		-	6
3			4-6	30.31	66	65	60			5
4			4-6	30.3/	65	64	60			4
5			4.7	30.31	65	64	60			4
6			4.7	30.3/	63	62	58			4
7		NE.	4-7	30.33					cim.	4
8			4-7	30.33					wink strat	
9		N 6. by 6.	4-6	30.34						3
10		N E. ly E.	4-6	30.35						3
11			4.7	30.86				0.c.m.q.		0
Mid,		E. NE.	4.7	30.36						0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a m blear to fair and cook with diggling rain at time. On oderate to fresh breeze from E. NE. Barometer fell slightly. From 4 to 8 a. M. ... Cheave and cook. The oderate and fresh brey in aqualle from & N.E. Received in Dept. of Supplies and accounts, following fresh primising 1084/4 blo. hrf. 1084/4 blo nightable, and 87 blo. brad. Distilling. Gusign W. S. M. From 8 a. On to Merid

Thereast and lays Phoderate breeze with stiff to freel agualle
from 6. No 5. No arometer falling almoly. On 9.30 musticed at grantine Drilled a apparetice
Bridge Diniend gennery inchartem: 1st Division, great gene: 2nd Division great gene; 3nd
Division printele 3st up presente stays on main topmash head preparation to lifting topmash
regging The Commanding Officer paid an official write to the Mayor Tow Prefet and Commencer
of Mains During an alteration Interior It Haves Chatter part I Sugar The top of the eye.

There were known to left to the form the left eye with his bar knowless thereby deterging the eight of the eye. Secutional U. S. A.

From Preid to 4 P. Dr.

Poir to landy mit and aqually Moderate to heak been from 46 by 6. Dair to cloudy, mity and agually Norderate to feel bey from 46. by 6. by 6. barrowter fell alightly. Lifted main toffment atays backstary and against sent down borken pair of alumber, alub up new pair. Received of feed brief from the Taylor of their district and the Mayor of Barrow Received in Dept of Supplies and Account (5 4127.50) from thomsand me halded and turnty perm and me half dollars, in French crise. From 4 to 8 9 M. Pleasant and hazy. Moderate hugo with very first equally from 16. by 6. to No. Barometer steady their inelig. Dim & O. On. to Ond.

6 lindy to oneast equally and mity. Irrducte to very feel brege from

NE. by E. and E. NE. Barmeter vising. It hat for Lewtenant Q.S. ON Player St. Vall York Navigation

4-205

# LOG of the UNITED STATES Thip Essex. Third Rate, Moored Head and Stew in Basin de l'Évre, Havre, France.

		333	Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			be.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
M.				N/2 6.	E. 118.	4.6			30.38	58	55	53		o.c.m.g.	Circus.	0	
2						4-6			30.38	58	55	53				0	
3						2.3			30.38	57	55	53				0	
4			200		6.98.	2.3		1000	30.38	57	55	53				0	
5				A by 6.	6. by 1.	3-5	-		30.39	57	55	53			cum muiel	0	
6				.0		3-5			30.41	57	65	53				0	
7						3-5			30.42	57	56	54				0	
8						2-4			30.43							0	
9						3-5			30.43	58	57	55				0	
0						3.5		1	30.44	58	57	56				0	
1						3.5			30.44					b.c.mg.	-	1	
on.						3-5			30.43						-	1	

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 / 1/
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of ©	0 / "
Longitude by chronometer from Forenoon Observations of ②	0 , "
(Latitude by	0 , "
Position at 8 A. M. { Latitude by Longitude by	0 , "
	0 , "
Position at 8 P. M. { Latitude by Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
(Error of the Compass by Azimuth O observed at , ship's head	0 .,
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
(Error of the Compass by Azimuth O observed at , ship's head	variation used,
	o , variation used, o
	,
Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours.	, Smith
	400 "
Water remaining on hand fit for use at Noon,	2700 " tons, — lbs.
Coal consumed during the preceding 24 hours,	tons, — lbs.
Coal remaining on hand at Noon,	159 "1280 "

Р. М.											
1	A by &.	6. ly 1.	3.5	30.43 6	62	61	57	b.o.m.q.	cir.cum	7	
2			4.5	30.416			0.00				
3		6.18.	4-5	30.40							
4			4-5	30.39	64	62	58			7	
5			4-5	30.39	64	61	57				
6			4-5	30.39	62	61	56	b.on.g.	none	10	
7		Joã.	4.5	30.39	60	59	55				
8			4-5	30.40	59	57	54	b.c.m.g.	au strat	9	
9			4	30.42	58	56	54		4	8	
10			4-5	30.43	28	56	54			7	
11			4-5	3044 .	56	54	52			7	
Mid.		8.46.	3-4	30.45	56	54	52			7	
					Laborator						-

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and	until 4 a.s.	M. Ovicael and	cloudy; danie	Fresh to	gentle E. NEly.	breezes:
equally first.	part.		7			,
0					Ro. Tis	dal

Ensign Q. F. Ch.

From 4 to 8 a. M. .

Clody and hay. Sentle to light breen with stiff aqually from Eby. M. Barometer presing. Received on brand in Dept. of Supplies and account, 108 5/4 lb. each of fresh buf and orgitable and 87 lb. brand. Thated distilling at 7.45. bleaned higher.

Leutenant U. J. OV.

From 8 a. M. to Merid.

Dereal to cloudy hay and aqually. Gentle to feel levy from & by M. Barmeta steady. At 9,45 pounded call for bettaline dull. Earceind battaline equipped in light marching order. Continued work on main topmast agging, parties for and man main much add topical barmet land low yards. Beauth official order from W.F. Coront. By order of Commanding Officer the fillowing appulative of class wine confused to the quarter deck on broad and writer for day. It A. Belle, b. F. Flower, A. M. Genery, and J. M. Laughtin: officer anothing bluif Engineer & Potte left the ship on era days leave and ask Baymester H. E. Bleire on two days leave.

From Mond to 4 PM Colean and pleasant . Sentle to stiff E. N. Ely. brigge . Eugeged in exting up topmark negging . Exercised 1st and 2nd butter crews at boats ruder vare . Persend an afficial mich from the Captam of the Port . Finished distilling, rallowed fire to die wh.

attistale Energy Q. J. W.

Prom 4 to 8 G.M.

Clear and cort, hazy and equally. Phoderate to stiff here from E. N.C. and N.C. Barmeter name and A. A. D. carrected depresenters at gymenatics. Tent liberty platy of men on abore. Released 3 & Bolle. b. T. Flore, & On. Jenew and J. M. Sangklin.

Boy by Qu. J. Ch.

From 8 P. to Mil. to Mil. blear and cool. Fiff beyo in equally from N. 6. and E. N. 6., moderating to a quitle begin at end of watch I have steamers came in the basis, me entering the upper basis. R. Sistale

Energy Qu. g. Q.

Examined and found to be correct.

They steetwant Qu. S. On.

# LOG of the UNITED STATES

OG of the UNITED STATES Phip Essla Third Rate, Moord Head and Stew in Basin de l'Évre, Havr, France.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			P. F.	1
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				N. ly &.	8.1	2.4			30.45	-51-	.53	-51		la .		-	
2				ov. uy 6.	East E.FE.	2.4			30.45					be.m.g.	"	5	
3					•	2.4			30.45	-56	53	51				6	
4						2.4			30.45	55	53	51			eum.	5	
5					6.NE.	2-3			30.45	55	53	52				6	
6						2			30.45	56	54	53			-	4	
7						2			30.45	56	54	53	100		cum mint	3	
8						2			30.45	56	55	54				1	
9					NE.	3			30.45	56	55	54		be.m		2	
10					_	3			30.45	56	55	54				1	
11					6.46.	3			30. 43	58	57	54		10.		3	
Noon.				ii.		3			30.42							4	
							-		-	-	- ATT		-	ALIENE DESCRIPTION	-		

Course and distance	e made good since preceding noon by observations,	knots,	tenths.	
	(Latitude by D. R.	0	, "	
	Longitude by D. R.	0	, ,	
Position at Noon :	Latitude by observations of ⊙	•	, "	
	Longitude by chronometer from Forenoon Observations of ⊙		, ,,	
	( Latitude by	•	. "	
Position at 8 A. M.	Longitude by	0	, "	
	( Latitude by	0	, "	
Position at 8 P. M.	Longitude by	0	, "	
Current during the	time, knots tenths per hour, setting to the			
( Error of the Compa	ss by Azimuth O observed at , ship's head	0	,	
Deviation of the Co	ompass by Azimuth O observed at , ship's head		,	variation used, o
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0	,	
Deviation of the Co	empass by Azimuth O observed at , ship's head			variation used, o
Water expended du	ring the preceding 24 hours,	400	gallons.	
Water distill	during the preceding 24 hours,	300		
Water remaining or	n hand fit for use at Noon,	2600		
Coal consumed duri	ing the preceding 24 hours,	tons, 8	00 lbs.	
Coal(remaining on 1	hand at Noon,	159 " 4	80 "	

					1						
P. M.											
1	A by 8.	East	3	30.40	60	58	55	b. c. m.	cir. cum.	4	
2	0		2	30.356	3	60	58	1		3	
3			2	30.34	62	61	60			2	
4		Sorth	2	30.33	62	61	60			2	
5		N. NE.	2	30.3/	62	61	60			4	
6			1	30.3/	63	61	60			6	
7		Garrable	0-1	30.29	63	61	60			5	
8			0-1	30.29	62	60	60			4	
9			0-1	30.30	61	59	59			4	
10			0-1	30.31	60 .	58	58			5	
11	( , , -	balm.	0	30.31	60	57	57	4		5	
Mid.	1		0	16.06	60	57	57			5	

# Commander E. T. Strong Friday, May 29

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 40.00.

Pleasant and hazy or smoky. Light been with moderate equally
from East to 6.46. Barmeter steady.

Sieutenant Qu J. M.

From 4 to 8 a.m.

Dair to cloudy and hazy. Fight to gentle breeze fund & NE. Baroneter steady barried out morning orders. Shirty men actioned. Received in Dept. of Supplier and accounts 108 3/4 lbs. borf, 108 4/4 lbs. magetribles and 87 lbs. bread. By order of Commanding Office the following appendices new confined to the equation deep on bread and writer for iday; I bothall I believe and I holle, offere, using tobacco.

Literant O. J.

From 8 D. On. to Mends.

Cloudy and cool. Sentle NEby and E. NEby breeze. At 9. 30 muetred at quartere. Exercised the affective as follows: 14 y 2 d and 5th Divisione at gunnery exercise: Conden Division, small arms. Fin steamer and me bargue extend this basin; two steamers and barque passed thingh

Eneign Ch. & ON

From Cherid to 4 P.M. Slowly but pleasant . Street to light Ely large . Falling barmeter . Sent librity party on ahm. Released from confinement, by order of Commanding Offer J. Buchanau . app 3 to . The order authority Durus 36 F. app 3 t. four draw solitary confinements on brad and water, of fund personal searching and driet desolitaries of orders. Europe I Pat Game returned from leave.

In name Eusign Q. J. O.

From 4 to 8 GM. Fair hagy wrather Dight N. Naly airs and variable Linty party of appointmentained eaugh Switchbergo.

RD. Francisco. F. O. .

From 8 P. 9 1. to Mid. Hazy pleasant wrather balm to light variable are . Theody barometer.

Eusign Qu. 4.91.

Examined and found to be correct.

Hogens H. Gach Sol. Navigator

LOG of the UNITED STATES Thip Essex, Third Rate, Mooned Head and Stern in Basin de, l'Eure, Caon, France.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			124	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	Stateofthe
A. M. 1				A by E.	Calm	0			30.29	59	57	57		b.c.m.w.	eiv. cum.	8	
2				1.		0			30.29	59	57	57		"		8	
3					Canable	0-1			30.29					•	cum etial	5	
5					("Variable")	0-1			30.32					1	,	4	
6					1	0-1			30.33	57	56	56		"	-	4	
7					0.00	1			30.34				1000			4	
8			1.0		6.96	2			30.35		1	100000				4	
9			- ir		Gast	35			30.34	1 -		1000		0.c.m.	cum munit	1000	
11					6. by A.	3.5			30.35	1				b.c.m.g.	est.cum	5	
Noon.					6.46.	5-6			30.35							6	
																100	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.	
	(Latitude by D. R.	0 ,	"	
	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of O		"	
	Longitude by chronometer from Forenoon Observations of O		"	
	( Latitude by	0 ,	"	
Position at 8 A. M.	Longitude by	0 ,	"	
		0 ,	"	
Position at 8 P. M.	Longitude by	0 1	"	
Current during the				
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /		
1	ompass by Azimuth O observed at , ship's head			variation used. o
	ass by Azimuth ⊙ observed at ship's head			
}	ompass by Azimuth O observed at , ship's head	0 ,		variation used. o
	ring the preceding 24 hours,	500	gallons.	
Water	during the preceding 24 hours,		"	
	n hand fit for use at Noon.	2100	, "	
	ing the preceding 24 hours.	tons.	lbs.	
Coal remaining on		159 " 480	) "	

product and an order			-							
Р. М.										
1	A by &.	Ġ. NE.	4-6	30.37 62	616	1	b.c.m.g.	cir.cum	5	
2	1		4-6	30.37 61	1	10000	.,		3	
3			4-6	30.26 62					6	
4		6. by N.	4-6	30.35 63	63 3	9			6	
5			46	30.35 63	62 5	7			6	
6			4-6	30.35 63	61 5	6			6	
7			4.6	30.35 59	61 3	5			5	
8			3-5	30.88 58	58 8	3		-	3	
9			3-5	30.40 59	57 4	3		cum etial	4	
10	(1)		3-5	30.40 59			. "		4	
11			3-5	30.41 59	57 5	3	0.0.g. av.		1000000	
Mid.		Gast	3-4	30.41 59	56 5	2			0	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 0, 9n. Clearant and bazy. Calm and light aire from 6'd Baroniter steady.

Dieutenant Ch. J. Ch

From 4 to 8 a. On.

Cloudy hazy balon variable light are and from 5.96 Received in Dept.

Supplies and accounts following fresh permember for roses to crew 10 844 lbs. meat 10 844 lbs.

argetable and 87 lbs. Inad. By order of Emmanding Officer placed on the quarter deck on brad and water from hammocks to hammocks b. S. Bolle. App. 3cl. office. "percentual infraction of ships when we works bean.

Of ships when we way tobaces" Link John Bubbard. M. S. Left the ship on an works bean.

Enion Q. J. Oh.

From 8 a. On. to Orendy to clear and pleasant. Light air menning gradually to stiff breeze with freely breeze in equally back home from 6. To. to 6. We Britant melly steady. Othertext at quarter at 100 clock and apparenties turned in gracents. Commanding Office faid an official crist to bolock lommandaut of free at Barr.

Li me names Eurign al. 4.90.

Drow Presid to 4 P.M. Pleasant, bazy notice . Producte breeze with feels agralle from & NE. to E. by N. Bavourter falling plowly. Sent librity points of mur and apprentien askers borbout Barry F. A., commandant of the Prench army Part at their part, paid an official west to the Communitary Office, returning visit of Evannanding Office.

Lieutenant Ou. S. M.

From 4 to 8 PM.

Oleasant Lazy to cloudy wather Product to fred begin from 6. by 4.

Baroneth ring last low Lithity party of boys returned excepting 6. b. Brown, & Baron and b. 5. Lord. (appuritue 3th black)

L. no names Eusign M. J. M.

Dem & P. D. to Mid. blondy and hazy or smoky. Gentle been with moderate to stiff equally from 6. by A. to East. Bournete study, then hising only aloney. Terral steamer left the dark.

Lieutenant Ch. F. a.

Examined and found to be correct.

Roger H. galt, Lewitenant Q. J. Dr. Navigator

# LOG of the United States

# of the UNITED STATES Ship Essex. Third Rate, Moored Head and Stern in Basin de l'Eure, Havr. France

			Reading		WIND.				BAROME	ETER.	TEM	PERA'	TURE.	State of		10 14	1
Hour.	Knots.	Tenths.	Patent log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Builb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M. 1				N.ly E.	Éast	3			30.42	58	57	53		0.c.m.	cum unil	0	
2						2			30.42	58	57	53		b.e.m.		2	
3				•	200	1			30.42					0.c.m.	10000	0	-
5					6. by A.	1			30.42	1000		1		v.e.nv.	Cum strol	8	
6					1 .	1			30.44							1	
7						2			30.44				3			8	
8						2			30.43	59	59	22		• **	cir cum.	7	
9						2			30.43	1000		1				5	
10				12 12	E. N.S.	2	-		30.40		1				1	7	200
Noon.				•	E. ly f.	2			30.39							8	

Course and distance	e made good since preceding noon by	observations,	knots,		tenths.	
	Latitude by D. R.				"	A Company of the Comp
	Longitude by D. R.			,	"	
Position at Noon :	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Fo	renoon Observations of ⊙	0	,	"	
	( Latitude by		0	,	"	
Position at 8 A. M.	Longitude by		0	,	"	
	( Latitude by		0	,	.,,	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the		r hour, setting to the				
( Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0			variation used, o
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used,
Water expended du	ring the preceding 24 hours,		40	0	gallons.	
Water	during the preceding	24 hours,			"	
Water remaining or	n hand fit for use at Noon,		170	00		
Coal consumed dur	ing the preceding 24 hours,		tons, &		lbs.	
Coal remaining on	hand at Noon.		159		"	

P. M.	the Charles of the Control of the Co									
1	N. ly &.	6.96.	2-3	30.35	66	64	57	b.o.m. g.	cir. um	. 7
2		6. ly N.	2-3	30.34		1				7
3			2-4	30.31	67	66	61			7
4		46. ly 8.	3-5	30.31	67	66	61	"		7
5		,,,	3	30.31	67	66	61	b.o.		7
6			2	30.29						7
7			2	30.29						76
8		6.98.	1-2	30.30				b.o.m.w.		7
9			2-3	30.31	60	59	56	b.m.w.	none	10
10			1	30.31	60	58	56			10
11			0-1	30.31	60	58	56			10
Mid.			0-1	30.31	59	57	55	-		10

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communew and until # a.M. Donneast at first, clear last how, hazy. Gentle buys to light airs from East and & by N. J. B. Kurfy Steady. Executed morning orders. Light aris to light buys from E. by A. Bavoneter nearly steady. Executed morning order. Librity party returned except & Baron app 3d. Received in Slot of Lughlier and accounts frish princions are follows, 10844 lbs. each of fresh buf and orgetables and 87 lbs. bread. Orm + to 8 a. M. L'moname Eneign M. S. W. From 8 a. M. to Okeid.

Colean and pleasant, light boys intends. Light buy from E. N.E. to E by I Baroneter falling. At 9.30 mustured at quantus, J. Promey B. M. 2 cl., H. Inman & M. 2 cl. and G. Harman Rep. 3 cl., about without leave. Emuranding Officer magneted ship and crew and aftermode held Divine Ferrice on the quarter deck. Treitenant Ch. J. 94. From Christ to 4 G.M.

Chear and pleasant. Light to stiff been from E. FE. at first harling to

E. by N and ... NE. by E. Barmeter falling First librity party of men and bryo on about

T. Gebruson app. 3 chase, was from to be about from the align historial permission. Jog and Juitenant W. J.M. From st to 8 P.M. blear and pleasant . Sentle to light begy with stiff aqually first how of water. Barmeter falling slowly. Dieutenant Ov. J. On. From F.P. M. to Mid . Clear hazy balue to quite buy from E. F.E. Barmete rose slightly a froit lower steady rest of water. S. J. Shewitum & Ou & Ou. approved, E.S. Sang Lorumander Ob. S. Ch. Roya Stack Einterant & JON Havigator

LOG of the UNITED STATES Thip Essex. Third Rate, Morred Head and Stern in Basin de l'Eure, Havre, France

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of	486	lear the r	-
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				A by &.	Chanable	,			30.29	58	55	54		b.c.nv.	cir. eum	7	
2						0-1			30.29	57	55	54				7	
3	-					0-1			30.26	57	55	54				6	
4			1			0-1			30.25	-56	54	53	-			4	-
5			200	,	East	1			30.25	- 56	54	53		b. m. cr.	none	10	-
6						1			30.25	-56	54	53		t.m		10	
7					6.96.	1-2			30.23	57	58	55	113			10	
8					6.46.	2			30.23	59	58	56				10	
9						1			30.20	62	63	60		ba.	cum	8	
10						0-1			30.20	64	66	61		-7300		9	
11					Calm	0			30.15	67	66	62				9	
Noon.					,	0			30.14	67	66	62		-		9	

Course and distance made good since preceding noon by	observations,		knots,		tenths.		
(Latitude by D. R.	The state of the s		0 3		"		
Position at Noon : Longitude by D. R.			0	,	"		100
Latitude by observations of ⊙  Longitude by chronometer from For	renoon Observations of Q		0	,	"		
(Latitude by			0	,	"		
Position at 8 A. M. Longitude by			o	,	"		
(Latitude by			0	,	"	-	
Position at 8 P. M. Latitude by			0	,	"		
Current during the time, knots tenths per	hour, setting to the						
Error of the Compass by Azimuth O observed at	, ship's head		0	,			
Deviation of the Compass by Azimuth O observed at	, ship's head		0	,		variation used,	
∫ Error of the Compass by Azimuth ⊙ observed at	, ship's head		0	,			
Deviation of the Compass by Azimuth O observed at	, ship's head		0	,		variation used,	
Water expended during the preceding 24 hours,			400	0	gallons.		
Water during the preceding	24 hours,				"		
Water remaining on hand fit for use at Noon,			130	٥	"		
Coal consumed during the preceding 24 hours,			tons, /	600	lbs.		
Coal remaining on hand at Noon,		158	" 1	640	" .	V. Mari De les Spirit	

Р. М.										
1 -	July &.	Calm	0	30./0	72	71	64	b.m.	une	10
2	!	NOU.	0-1	30.08						10
3		North	1.	30.07						10
4		1.18	2	30.05					N. P.	10
5	Digitalian Again	8.48	2	30.03				b.o.	cuw.	8
6			2	30.02				"		8
7			2	30.03						8
8			2	30.03	70	68	62			7
9		6. hy N.	1	30.03	68	66	61		strat.	8
10			1	30.04	67	65	60		cum strak.	6
11			0-1	30.03	66	65	60			4
Mid.			1	30.03	66	64	60	0.0.m.p.	cum wint	0
								U		

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. bleav, cook, damp and kazy. balow and light variable raise. On steamer left the basin and Fruch steamer La Overmandel came in . The for row about 2.15 Ch. Ledde

Eringin Qu. J. M.

From 4 to 8 a. M. .

Pleasant and hazy Sight air to light hey from 6. 46. to E. N.E.
B. aventer steady, then falling, then steady. Preceived on brand in Dept. of Tupplier and
accounter 107/2 lb. fresh brif. 107/2 lb fresh originates and 86 lb. fresh brad. ask lighter came
alregards. Italied taking fresh water for birlers from dock.

Prodom Qu. J. M.

From 8 a. In to Merid.

Clear and pleasant elightly havy Light are from 6. No. first half, calm last half Barometer falling At 9.30 mustand and imperted at quarters: About without lean, 28.

Onem, App 3 cl., I. Haum, App 3 cl., J. Barold, App 3 cl., J. a. Gallagher App 3 cl. A. b. Jacoby App 3 cl.

B. Groman, B. M. 2 cl., and J. J. Morony B. M. 2 cl. Revender of two dollars each for the Allory of the above name and brye, write sent to the Ol. I bound. Divilled Prior and I seemed Divince at small arms: 3° d. Division sungle ottoke and Andrew Divisions at pictole Received in Egyppineut Deph. 9200 gallow fresh writer for bollow. At 10.45 hard Company Tull. J. Barold, App. 3 cl., actuand from likety 1612 hour writime and I Baromon App. 3 cl., 4012 hour milion. Received official visit from the bapthem of the Port. Leich J. A. Jordon & J. M. Left the ship on one days leave from this date.

From Phend to 4 PM.

bleav and warm. balm and light & orthely and body airs. J. a. & allagder Capped.

returned on brand 20 hour writime. Chumbre of initive to ship.

RS. Linkale.

Energy & A.R.

From # to 8 P.M. blear and pleasant. Fight hery from E. NE. Baroneter fell elightly. At 4.30 carreind apparatus at gomenation of 9 noney B. Dr. 201, actuard from librity 3215 honor mitime. By order of the boundaring Officer confused b. Johansen (box) no the buttle deck in double war for flind days; office, energy light leger.

From 8 P. M. to Mail. Bleav to mucast. Flight name shows toward and of watch Light & Maly and.

RATISLALE . Surger & S. S. D.

Examined and found to be correct.

Regues Healt Sevilence & Marigaron

LOG of the United States Ship Essex, Third Rate, Moored, Head and Sam in Bain de, l'Eure, Have, France.

	1	1	Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.			Clear 10ths.	1 9
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulls.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	1 5
A. M.				N. ly E.	NE.	0-1			30.01	66	63	59		bom.p.	cum minel	6	
2			- 17	1	The state of the state of	0-1			30,00	64	62	59			cir. cum		
3					E. ly 9.	0-1			29.98	64	61	58	1	HI PA	2 .	5	
			4		1	1			29.98							+	
5	-	*				1-2			29.98							5	
6						1-2			29.98						cum etra	44	
7						1-2			29.99					San Print		6	
8	2 19	-30		of the Contract of the	6 96.	1			29.99							4	
9						1			29.98					and that		Y	
10	2493	133		the sale of the	O1. 90.	1			29.99						100000	7	
11			1	000	104.	1	4		29.97				-		5	5	T
Noon.					N 7 10 32	2			29.97						-	4	

Course and distance	e made good since preceding noon by	y observations,	knots,	tenths.		
	(Latitude by D. R.			, "		
	Longitude by D. R.		•	1	A STREET	
Position at Noon:	Latitude by observations of O		•	, ,		
	Longitude by chronometer from Fo	orenoon Observations of Θ	0	, , ,		
	( Latitude by			, ",		
Position at 8 A. M.	Longitude by	Sail and all and		, ,		
	( Latitude by		0	. "		
Position at 8 P. M.	Longitude by		0	, ,,		
Current during the	time, knots tenths pe	er hour, setting to the				
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variation used,	0
Water expended du	aring the preceding 24 hours,		40	o gallons.		
Water	during the preceding	24 hours,	100			
Water remaining of	n hand fit for use at Noon,		90	0 "		
Coal consumed dur	ing the preceding 24 hours,		tons, &	40 lbs.		
Coal remaining on	hand at Noon,		158 " -	- "	•	

	19.39.33									
P. M.					1					
1	. It by &.	NG.	1	29.97 72	72	65	bic.w.	cir.um.	5	
2			2	29.96 72	72	65			5	
3			0-1	29.96 72	72	65	b.c.mi.d.		3	
4		balm	0	29.93 74			f.o. ow.		3	
5		Variable	0-1	29.93 74	,		f.o. m.d.	cum wit.	2	
6		6.98.	1	29.93 73			0.0. m		0	
7		balm	0	29.92 72					0	
8		(Variable)	0-2	29.94 72			0.0.md.	.,	0	
9		balm	0	29.94 72			b.c.m.d.		4	
10			0	29.95 71					3	
11			0	29.95 70			b.o. sw.d		3	
Mid.	1000		0	29.96 69			be.w.	cir. cum	5	
				1111						

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 a. On. Clardy, passing chance first how balow to light air from No. and E. by F. Falling barometer.

L. me name Energy Or. F. Or.

From 4 to 8 a. On

Dair and pleasant, elightly hazy Light air to light hery from & by It Ell.
Barnete row elightly Carried mt mountage rake Cloured in Dept of Supplies and accounts
10712 lbs last 10712 lbs orgetable and 86 lbs. Inad By row of the Communicating Officer B. Daire,
app. 3 et was confined on the quarter deep on brack and water from 9 a. 90. to languages in the evaning, officer, gross sherred in deeth and perfainty. To Bolle. app set was confined on quarter deet by came natherity and for come private, officer eating from while confined to quarter deek on board and water to the many strength. brad and water. Fibrity mew returned.

Theutewant U.S. W.

From 8 a. M. to Okerish

Fair and pleasant. Light air from E. F.E. V. F.V., and N. V., more or less oranially. At 9.30 mustered at quarter, from the following about without leave, I. V. Pearson App. 3cl., V. V. S. V. S. V. Somman, B. Oh. 2cl., and J. J. Fehrender Bay. Earnesd the 1st and 2nd Companie at Empany diet our the dock. Lieut. D. B. Philiteley, N. J.V. returned from leave Och risdale

Eneign M. J.W.

From Phrid. to 4 G.M.

Dair and pleasant. Light airs to light hey from N. F. Falling brumeter. Aight driggle latter part of entel. Feel down topgallant maste at 1.30 and at 30 class exercised 1.3 girl cutter and whalebrate arever at pulling brats. Released from enfumnist by order of Community of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of Confusion of the water of the ship using tobacco.

L. m. name. Eurign Q. J. R.

From 4 to 8 P.M. Senerally orneast and cloudy balow, light variable and E. Fely air. Fent up transland maste. RA Sistale

Eurige Q. J. M.

From 8 P. M. to Mid. bludy with occasional light driggle. balm. Barometer vieing closely.

Energy Q. J. O.

Examined and found to be correct.

Royan H. Gall-Lieutenant Qu. A. Ol Narrogaton

# LOG of the UNITED STATES Thip Essex. Thurd Morned Lead and France in Jain de l'Eure, Haver, France.

			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.	State of	Forms of	Clear 10ths.	100
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.				N.by &.	Calm.	0			29.96	68	67	64		0.0.m.d.	cuman		
2				1	f. 904.	0-4			29.97	67	66	63	-	0.0.m. 1pht		0	
3				NE BRANCE	Q'anable	0-1			29.96	67	66	63				0	
					Calm	0			29.96	66	63	61		0.c.m.		0	
5		-				0			29.96	66	63	62		O.c. and.		0	
6						0			29.98	66	63	62		0.0.m.		0	
7						0			30.00					1000		0	
8						0			30,01							0	
9					Chanable	0-1			30.00					o.c. m.d			
10						0.1			30.00					0.0.m.		0	
11						0-1			30.01					0.c.m.d.		0	
Noon.				·	fol.	0-1			30.02					oc.m.d.		0	
									1	1			-				1

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0. , "
Longitude by D. R.	· ' "
Position at Noon: Latitude by observations of O	0 , "
Longitude by chronometer from Forenoon Observations of ②	0 1 11
( Latitude by	0 , "
Position at 8 A. M. Longitude by	o r "
( Latitude by	0 1 11
Position at 8 P. M. Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
(Error of the Compass by Azimuth @ observed at , ship's head	0. /
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
(Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth O observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	100 "
. Water remaining on hand fit for use at Noon,	600 "
Coal consumed during the preceding 24 hours,	1 tons, 720 lbs.
Coal remaining on hand at Noon,	156 " 1520 "

. M.	Aly &	ser.	1-0	30.02	69	68	66	0.c.m.d.	cum unit	0
2		Ot. NOt.	1	30.01	69	68	66	6.0. m.		5
3			1	30.02	69	68	66	12.00	120	4
· with a strain			1	30.03	69	69	67	0.e.m.d.	-	0
5		Sorth	1-0	30.04	69	69	67		1	0
6			1-0	30.05	69	67	66		-	0
7		balm	0	30.05	69	67	66			0
8			0	30.06	69	66	65	bo.m.d.		2
9			0	30.07 6				b.o.m.		3
10		1.104.	1-0	30.08				-	101.100	6
11			1-0	30. 11	66	63	62			5
Mid.			1-0	30, 12	65	63	62	0.0.m.w.		0

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communical and with 4 a. ON.

Oteather vireast and cloudy, with presing rain chrone during middle of watch balon to light variable airs, equally from 9.9 & during the rain.

Barometer steady. Leutenant & Son.

From 4 to 8 a. Ch.

Oncast and clondy, damp. balow. Received in Dept of Dupplies and

accounts following fresh promines for result to crew 107/s lbs. brif. 107/s lbs writables and

86 lbs. brand. all 5 00, stracted fines under briler A and at 8.00 communed distilling.

Ensign Q. J. M.

Orom 8 a. M. to Merid

Orneast and cloudy; hight rain latter part balm to light variable airs. Barmeter viewing about Toad quarter of 9.30 and lauded Companies for infacting diell. Preparted bags. Absential Pedlem It. App. 3cl., Jacoby Ob. B. App. 3cl., Vay O. Eds., and Gotham 3b. B. D. 2cl. J. Schmider, Bay returned on brand 25 holes matime. Received in Equipment Dept. 2 ble slacked line, 80 litres allold; 32 litres squites of turpentine. Is the chelber Eulisted in the service of the Oh. S. Chang for their years, Seigns Chaten, Oher attendant.

L. m. name.

From Cheid. to 4 P. On.

Preather cloudy, raining frist hour of watch Light air from M. to 4. N. Barmeter steady. Library party of approxime unt asker. E. Prassokis Ch. D. Dir, and E. J. Timo Blandth, returns from Clan. Sixtuing with returns from Clan. Sixtuing wiswhiteley

Leitenant 91. S.M.

From 4 to 8 P.M. .

Overest, light deget at intervale. Cleaning at end of watch Light N'ly airs to calm. Baronetu nime. Librity party returned excepting & a. Brite. app. s.l., Ch. & Many app. och. and L. G. Buely. app. s.d. Chief Eng. F. Potte, returned find leave.

N. M. \* Name

L. M. Name Ch. L. W.

From 8 P. M. to Mid. Reather fair, clouding new toward and of watch balow to light air from M. W. Barometer wing.

Leitenaut On J. a.

Examined and found to be correct.

Hogen Helalt. Diviterant On. J. Ch.

# LOG of the UNITED STATES

OG of the United States Phip Essla Phird Rate, Morred Head and Stew in Basin de l'Eure, Havre, France.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of		lear the	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				Aly E.	J. J. El.	10			30.11	65	63	62		0.c.m.	cummiel	0	
2			-			1-0		1	30.11	65	63	61		b.c.m.		6	
3					Calm	0			30.11	64	61	60		0.0.		0	
						0			30.11	64	61	60				0	
5			1000			0			30.12	64	61	60				0	
6			100			0			30.13	64	61	60				0	
7						0			30.14	64	61	60			10.00	0	
1 8				A TULL	96.	1		idi	30.14	62	60	59				0	
9					6.96	2			30.14				1	10-		0	
10				11 19	6. h 9.	2			30.13			1		b. c.m.	cir cum	5	
11					1	2			30. 12						-	4	
Noon.						2			30.10	1000						6	
1.0011.										-1			1				

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	of , with the se
Longitude by D. R.	
Position at Noon : Latitude by observations of O	·
Longitude by chronometer from Forenoon Observations of O	0 , "
(Latitude by	0 , " "
Position at 8 A. M. Longitude by	0 , "
( Latitude by	. , ,
Position at 8 P. M. Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
(Error of the Compass by Azimuth O observed at , ship's head	
	variation used.
	variation used,
Error of the Compass by Azimuth © observed at , ship's head , ship's head	o , variation used.
(Deviation of the Compass by Azimuth O observed at , ship's head	400 gallons.
Water expended during the preceding 24 hours,	/200 "
during the proceeding 14 hours,	1400 "
Water remaining on hand fit for use at Noon,	
Coal consumed during the preceding 24 hours,	2 tons, — lbs.
Coal remaining on hand at Noon,	107 " 1000 "

P. M.										
1	1. ly &.	9.98.	1	30.07 71	70	66	b.o. m.	cum muit	4	
2	1	98.	2	30.05 73					4	
3		Cariable	2	30.02 74			SIN ME	cir. eum.	5	
4		South	1	30.00 74					4	
5			1	29.9874	,	A SECOND			6	
6		\$ ly 8.	1	29.98 74					2	
7	1	961.	2.5	30.0072			b.o.m.q.p.	cam mint	2	
8		\$ 904.	3.4	30.04 72			0.0.m.g.			
9		Inth	2	30.04 71			Ar.m.r.		0	
10			1	30.04 70					0	
11			1-2	30.06 68			0.c.m.		0	
Mid.		N. 404.	2	30.04 68			b.c.m.jp.		1	
					-1		U			
Catholine			THE RESERVE OF THE PERSON				Anna Cappellance		Name and Address of the Owner, where	

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and with A a. ON.

Onwast to fair mity, fragy last half Light air from

A. N. Ot. first half, calm last half. Baroniter study St. Lifey S. M. S. M. S. M. S. M. S. M. S. M.

From 4 to 8 a. Cm.

returned to the ship 92 board motion. Received in Dept. of Supplies and Acounte fresh permiser are follows: 107 /2 lbs each of his and registables and 86 lbs brade. Livity sparty returned. L. m. name

Euriga Ov. J. Pr. From 8 a. On. to Cheria.

Obeather cleaning buring buring writer Light beyou from E. F.E. to E. by F. Baroneter falling. Received baryed took by her brief on one got side. At 9. 30 mustered cher at quarter finding the following about without leave: 4 . E. Jack, app. 3 cl. J. F. Pearen app sel, S. O. Eully, app. 3 cl. S. E. Shay, app. 3 cl. J. S. Feer and P. Stay. Lite. Feer on revenue of \$ 10th aslow for the apprehension and deliny of Patrick Lay. Lite. Patrick Kay. Lite. See stunned to the ship 50 hours writime. Eaccount the Hitalin at a knowled dulb on abour. Distilling.

Wiswhitestory Theirtenant Or JOV.

Fair and pleasant, elightly hazy. Eight aim to gruthe breeze from \$ 96. and Inth, variable think how. Baronethe falling A 1.80 period down an bridding Germ is to 4, exercise approxime at boat dist under one T. B. Peacen Gyp. 3cl., utuned to the ship having left window premises on Fredding 19 for he was placed in downly premises on Fredding 19 for he was placed in downly when and confided to the out of the to await trial by cour matrial for the above of few. B. Jacoby app. 3cl. utuned from librit 93 hours on time and L. G. belly app. 3cl. is home voiting. From Merid to 4 P. M.

Lieutenaf Ch. J. D. Obeather fair cluding our with nair last part of water. Light air from Lath with shall equall from 981. to 4.84. Blavometer falling. 3. a. Bolle logs school & havy Copp set, returned 22 hours outtone.

Dirtenant Q. 99.

From 8 P. M. to Orional to cloudy with passing showner. Stright aim to light beyon from Inthe first three hours, shifting to A. A. M. last hour.

S. September Q. & Pr.

Hogers St. Galf Qu. J. Q.

# LOG of the UNITED STATES Ship Essea. Phud Rate, Moored Head and Stern in Basin de l'Eure, Harn, Trauce.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of		lear bs.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Builb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths.	Stateofthe
A. M.				1. ly &	s.se.	2-3			30.07	64	63	61		o.am.	Come and de		
2				7	NOV.	3-5			30.09					0.c.m.q.		0	
3					CH. NOV.	3-5			30.09					b.c.m.g.		3	
4						3.4			30.16							3	
5					Ch. ly A.	4.3			30. 11	62	60	58				4	
6						3-4			30.14	61	60	58				2	100
7						3-4			30.16	61	62	60				2	
8					Ct. ly 4.	4			30.19	62	63	61		8.c.9, m.	cum wind	2	
9					0	2.3			30.17	63	63	61		b.c.q.m.	cir. um	. 3	
10				Name to the last		2.3			30.17	64	64	62			1	7	
11						2			30.17	66	65	62			1	8	
Noon.						1			30.16	67	66	1 64	•		1	7	
									1							1	

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 1 1
Longitude by D. R.	
Position at Noon: Latitude by observations of ②	0 , "
· Longitude by chronometer from Forenoon Observations of O	0 1 11
(Latitude by	
Position at 8 A. M. Longitude by	0 , "
( Latitude by	0 1 11
Position at 8 P. M. Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the	
(Error of the Compass by Azimuth O observed at , ship's head	0 ,
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
(Error of the Compass by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Compass by Azimuth O observed at , ship's head	o , variation used, o
Water expended during the preceding 24 hours,	450 gallons.
Water distilled during the preceding 24 hours,	1200 "
Water remaining on hand fit for use at Noon,	2150 "
Coal consumed during the preceding 24 hours,	/ tons, 1600 lbs.
Coal remaining on hand at Noon,	152 " 2160 "

P. M.							-		1.29		
1	A ly 6.	101.	1-0	30.14	68	68	63	b.c.m.	cir.cum	.7	
2			1-0	30.13	68	68	63			7	
3		£91.	1-0	30.10	70	68	63			7	
4	_		1-0	30.09	70	68	63			7	-
5		OL. NOt.	2	30.09	70	69	63			4	
6			2	30.10	69	68	62			4	
7		<b>901</b> .	2	30.11	68	65	62	b.o.m.p.	cum mint	4	
8		98.	2	30.11	68	65	62			4	
9			1-2	30.11	66	64	61	b.o.m.d.		4	
10		Ganable	0-1	30./2	65	63	59	6.0.m. w.		2	
11	(   "		0-1	30.12	65	63	60			3	
Mid.			0-1	30.12	65	63	60			4	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. On Oricact to cloudy and damp . Sentle to stiff breeze in equalle from Sr. 4 94 to Ot. N. One steamer left and one entered the basine Britilling.

R. J. J. L. L. C. One attack and one entered the basine Britilling. Eurign W. S. W. Our + to 8 a. m. Ob eather cloudy with gentle to moderate been from Ob. N. M. to Ob. by N. Baronetor reing B. David app 3 cl. was infinite on quarter deck by order of Enumerating Officer on brad and water, for not whying the orders of a petty officer. Actual in Dept. of Supplier and accounts 107/2 lbs bref. 107/2 lbs regetables and 86 lbs brad. Wiswhiley Lieutenant Q. J.M. From 8 D. M. to Chevid.

Fair to clear and pleasant, alightly hazy. Light and to guth breyer from Ch. by A. Barometer fell elightly. At 9.30 mustered and inequited at quarter. No absorber At 9.45 landed 14 and 24 Companier and dilled as battaline, returned on trans at 11.10.

Bent top gallant pails and rysle and for and aft sail energy staymile. Distilling Loudy Systemant & J. C.M. From Oberid. to 4 PM.

Chan and pleasant. Calm and light NOTy. and Forly air Bent topsails and foresail. Gent librity party of apprentices askon. Distilluig.

Residul Eusign M. J. M. From 4 to 8 P.M. Dair and pleasant with light passing shown about 4, slightly kazy. Sight breen from Ch. 4 Ch. first half, slighting to 9 Ch. third hour them to 5 6. Blanmeter new slightly. Sibilty party of brown returned. Feet library party of men on show. Day by ant Qu & a. Dum 8 P. M. to Mid. Colm and light They and variable air Dictilling Suit John Bubles. On I. M. neturned from learn of absence. RASis dale Rossindale Eusign (U.S. A. Roy Sientenant & F. Dr. Navigation

			Reading		WIND.				BAROMETER.		R. TEMPER		TURE.			Clear Other
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cl Sky, in 10t
A. M. 1				N. ly 6.	F&.	2			30.12	64	61	58		b.c.m.	cum aint	5
2	33		1	0	6. JE.	0-1			30.12	63	61	58				5
3						1			30.12	61	60	58		100	21.	5
4					FOL.	1-2			30. 11	62	60	57		-		4
5						1-2			30.10	62	61	59				4
6					9.904.	2			30.11	64	61	59			atist.	3
7						2			30.11					5 . 3	la result	4
8					C4. 904.	3			30.12							5
9				Canal Control	£91.	2			30.12	65	65	62				6
10					9. F. O.	,			30.11						No. San	6
11						0-1			30.09						W. 13	5
Noon.				-	Planable	0-1			30.08					1		3

Course an	distance made good since preceding noon by observations,	knots,	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 1	"
Position a	Noon : Latitude by observations of O		
	Longitude by chronometer from Forenoon Observations of O	0 ,	"
	(Latitude by	0 ,	"
Position a	8 A. M. Longitude by		"
	( Latitude by	0 ,	
Position a	8 P. M. Latitude by Longitude by	0 ,	"
Current d	ring the time, knots tenths per hour, setting to the		
(Error of t	e Compass by Azimuth O observed at , ship's head	0 1	
Deviation	of the Compass by Azimuth @ observed at , ship's head		variation used,
(Error of ti	e Compass by Azimuth O observed at , ship's head	o ,	
Deviation	of the Compass by Azimuth O observed at , ship's head	0 ,	variation used,
Water exp	ended during the preceding 24 hours,	500	gallons.
Water	distilled during the preceding 24 hours,	1200	
Water ren	aining on hand fit for use at Noon,	2850	
Coal const	med during the preceding 24 hours,	1 tons, 88	O lbs.
Coal rema	ning on hand at Noon,	151 " 128	0 "
Treatment of the			

	Tarana a	1					
P. M.			1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1	A by &.	94. by N.	3	30.08 67	66 63	0.0.m.a. cum.	unit 0
2	0	,	1	30.08 65	64 60	b.o.m	2
3			1	30.06 66	66 62		
4		balm.	0	30.04 68	67 63	eir cum . Au	int 4
5		€. \$€.	2	30.01 68	67 63		
G		91.191.	3.6	30.01 67	66 61	fo.m.p. tel aus.	unt 2
7			1.2	30.03 64	61 59	b.o.ow.g.n. 4	3
8		balm.	0	30.04 64			5
9		6.96.	1	30.04 64	61 58	b.c.m.	4
10		Buth	1-2	30.04 64			2
11			2	30.03 64	60 57	b.c.m	5
Mid.	-11.2.	Fly 81.	4-5	30.02 64	60 57	b. v. m. g. "	4
		1					

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 40 m. Solundy and pleasant Light here and light airs from 96. and 6. No. Barometer nearly steady.

L.m. name Gusign U. S.M.

Dam 4 to 8 a. M.

Pair and pleasant Light aris to light breeze from It and Va Baroneter riving shoty. Einct, men returned & arried at morning orders. By order of the Commanding Officer B. David lipp 3 cl., was confined to the qualter deal from 7 a. M. until hammaller in the evening on break and water: offers not ohing the order of a petty officer. Received in Dept of Eupplies and accounts 10712 lbs. bef. 10712 lbs mystable and 16 lbs brad.

S. L. Selituant 96. 491.

From 8 a. M. to Moid

Fair and pleasant balm light 90th, and variable airs at 9 to had quarter for muster and inspection at 10.10 summary court of which Link R. th. Gast Dr. J. M. was cour member, and for the trial of Showas M. Breen app. 3 class and at 10.55 adjuined to await action of Commanding Officer By order of Commanding Officer placed Peacen in single since intead of double for safe keeping. Distilling.

Eusign Cl. F.M.

From Onerid to 4 4.9m

Overcast cloudy and rainy first how cleaning to fair weather latter part . I settle been from Oh by it . to calm . Barometer falling . Philips distilling at 20 clock . Further party of men and appendices on show . Further and sent below spoop awning .

L. M. name Ensign Ch. F. Ch.

From 4 to 8 P. W. Severally cloudy: Calmir and light air from 6.76, vering to Ch. N. Ch. in always again Accepted 5500 gallow of fush water from Heart water works of fush water from Heart water works only and me steamer extend By order of boness. Three etermine and 1 backentine left the basis, and me steamer extend By order of bones and of fine confinement, b. Johannen love, his term of confinement backing experied. Apprentice librity party between Rossale

Ensign U. J. M.

From 8 P. M. to Died. Could been from E. F.E. to moderate breze from F. by M. Barmeter falling slowly. Light rain second how of watch. Let fine die mt under distilling boiler at 9 o clock.

L' m' name Queign Q. J. D.

Examined and found to be correct.

Player Steertenant Ch. S. Ch. Navigation

LOG of the UNITED STATES Thip Essex, Phird Rate, Mooned Head and Stern in Basin de l'Eure, Kave, Traue.

			Reading		WIND.				BAROME	ETER.	TEMPERATURE		URE.			Clear 10ths.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of Cl Sky, in 10t
1. M.				N. by E.	South	3			29.99	lad	59	57		b.c.m.q.	cum anile	4
2				.,7	1 11.	3			29.96					.,	ctial	1
3						3			29.94	62	58	56				3
4					96.	3			29.93					-		3
5.		40	8437		998.	3-5			29.92					0.c.g.N.	cum mint	0
6						3-5			29.90	61	58	56			-	0
7					South	4			29.89	61	88	56		b.c.m.		2
8				3.8		5.6			29.89					b.e.g.	cum.	4
9				•	F. h, 04.	5.6			29.88						cum mint	4
10					5. kg 4.	5.6			29.87					b.c. q. d.		4
11					F91.	3.5			29.87	64	61	2.8		b.c.g. p.		4
oon.					J. J.	0.9			29.87	64	63	59		b.c.q.	-	4

Course and distance made good since preceding noon by observations,	knots,	tenths.
(Latitude by D. R.	0 ,	"
Longitude by D. R.		"
Position at Noon: Latitude by observations of ©		
Longitude by chronometer from Forenoon Observations of O		"
(Latitude by	0 ,	"
Position at 8 A. M. Longitude by	0 1	"
( Latitude by	0 1	"
Position at 8 P. M. Longitude by		"
Current during the time, knots tenths per hour, setting to the		1, 22 0, 11, 24
( Error of the Compass by Azimuth O observed at , ship's head	0 1	
Deviation of the Compass by Azimuth O observed at , ship's head	0 .	variation used,
(Error of the Compass by Azimuth ⊙ observed at , ship's head		
Deviation of the Compass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended during the preceding 24 hours,	400	gallons.
Water distilled during the preceding 24 hours,	150	
Water remaining on hand fit for use at Noon,	2600	"
Coal consumed during the preceding 24 hours,	tons,	lbs.
Coal remaining on hand at Noon,	151 " 121	70

P. M.	1. 1.5	QL. N. QL.	2.1	20.04 /	-	, ,	, ,	, ,	
	NNE.		3-4	29.87 6				b.c. m. g.d.	
2	N. ly 6.		2.3	29.876	3	62	59	6.0.m.p.	3
3			2	29.85 6	4	62	59	6.0.m.	2
4			1-2	29.85 6	6	63	60		
5		Calm	0	29.86 6				0.0.m.g.p.	
6			0	29.84 6				b.o.m.	
7		Quariable	0-1	29.84 6	3	62	59	b.c. m.p.	
8			0-1	29.84 6				b.c.m.	
9			0-1	29.86 6	4	62	59		3
10		Inth	3.4	29.866				0.0.m.g.	0
11		S. 901.	3-4	29.86 6				b.o. m.g.	
Mid.			3	29.86 6					

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewced and until 4 Q. M. ... Seather fair. Gentle heezer from South to S.E. Barometer falling.

Wiswhitelory Tientenant Ou SON

Orm 4 to 8 a. On.

From 4 to 8 0.00. Overcast and clondy to clondy Beausy rain aqualls first hour Gentle to fresh brezed in aqualle from F. 46 to Footh. Pacelord in Depth Dispoleir and Revents, following fresh promises 107/2 lbs beef, 107/2 lbs negetables and 86 lbs broad, for esseen to crew. Three small strawers and 30 Britagne rame in the basin and two steamers left

Ensign & F. Oh.

From 8 a. On to Muid.

Cloudy and aqually with passing shown Fiff to fresh breeze from FA.

Cloud and fine between ahours. Babonetes decody 36 ad greates for inspection at 9.30,
followed by General Muster and read articles of Char. On absentes.

L. m. name Ensign Qu. F. C.

From Cheids to 4 P. On.

Cheather cloudy with spacing chower, cleaning toward end of watch.

Slight to moderate here in agreeler from Or NO. A. O. De Kall ago scleer, was released from confirment by order of Communicating Officer his term of confirment having expected.

Librity party of hew and appendice what on show.

Will Whiteley Seitenant & S. C.

Descriptly afterwards with light druggle latter part balue and light variable are Baconter while strang fall of raw and hail cleaning abighty afterwards with light druggle latter part balue and light variable are Baconter while strang. Electy party of affectives returned.

L. M. name Ensign Q. F. Dr.

Diem 8 P. D. to Phild Grather cloudy, cleaning tround and of watch . Sight airs to moderate haye from South to 9.9 Dk . Barometer strady . Siciel J. S. Jordan, Ql. J. Dr. netweet from leave.

WBWhitelery Lieutewant Di 494

Players Hyalt Science Scientinant ON HAR. Navigation

LOG of the UNITED STATES Ship Essex. Third Rate, Moored Head and Flern in Basin de l'Eure, Have, France.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			Clear 10ths.	1
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cl Sky, in 10t.	Stateofthes
A. M.				N. by &.	f. f. w.	3-5			29.86	65	61	59		b.c.m.q	Cir.cum.	7	
2				.1		3-5			29.86	65	61	59				5	
3						3-4			29.85	65	61	59	-			4	
4						3-4			29.85	64	60	58				5	
5				•		2.3			29.86	62	59	57			cum stret	6	
6					Calm	0			29.86	62	59	57				8	
7					South	2			29.86	63	66	63				7	
8	200		calm	and South to	Vanable	0-1			29.87	63	66	63	10	b.e.m.	-	4	
9			238	had be died	de land &	0-1			29.86	64	64	63	33	300	cir. aum.	5	
10					and to have	1			29.86	64	64	63				7	
11					balm	0			29.86	65	64	61	1		-	6	
Noon.						0			29.83	66	65	67				4	
-									Ľ								

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	· "
Longitude by D. R.	0 1 " 5
Position at Noon: { Latitude by observations of ©	0
Longitude by chronometer from Forenoon Observations of O	0 , "
(Latitude by	o , "·
Position at 8 A. M. Longitude by	0 , "
Parking a P. M. (Latitude by	0 ! "
Position at 8 P. M. Latitude by Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	0 . 1
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used, o
∫ Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	2200 "
Coal consumed during the preceding 24 hours,	tons, 6 40 lbs.
Coal remaining on hand at Noon, / 5	1 " 640 "

P. M.									
1	N. ly &.	N. NE.	3	29.79 61	8 66	62	6.0. m.	cir. cum.	3
2	1		3	29.77 61					3
3		Ji&.	3	29.75 6					3
4		.,	3	29.74 6					3
5		6. hy 9.	2	29.71 6				aint det	3
G		6. ly 9. 6. ly N	1-2	29.71 6					3
7		6. h. N.	2	29.69 6					3
8		1	. 1	29.69 6				-	3
9			2	29.69 69					3
10			2	29.67 6		1.			0
11			2-3	29.66 6		63	0.0. an. u.d.		0
Mid.			3.4	29.65 6		63	0.0. m. fp. d. 0.0. an. fp. q.	1.	0
				7.00			1.1.1.		

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. 9N. Pleasant, hazy interide. Gentle breeze with stiff orgunalle from G. S. Ot. Basometer falling very slowly!

Jefordau, Dieutewaut 9 99

Drow 4 to 8 a. M. Clear and pleasant. Light breen from I. 99t and I with to ealer Steady barrenter 1 English and 1 Drewch attance came into barrent in Dept. of Supplier and account fuch personne as follows: 197/2 lbs. each of birt and regitable and 86 lbs. brad. Correct Light party at Jesux and loosed said to dry. Littly party reticend easysting Killy Ellis 92. 13.94. 10lass.

Eneign Q. I. S. M.

From 8 a. On. to Orenid. Prather clear and pleasant balon to light variable airs. Baronete falling. Who 9. so mustered crew at quarters, after which earness apparenties at infantry dill on alon, and nevertee.

WBWhitelary Dieterant Ch. J. O.

From Menid to 4 G.M.

Cleasant and hay. I setle bresse from N. N. E. to N. E. Barometer falling. At 1.00 called all hands to muster and read the change, finding, centeur and approbal in the case of court-martial of D. D. Pearem (App. 3cl.). Enfined & D. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined & O. Pearem (App. 3cl.). Enfined and water with full rations any third day and to have me how of earners every day. Fulled sail.

Find me clothing and small store.

Jet Jordan Dieutewant W. J. M.

From 4 to 8 G.M. . Preather fair . Light airs to breeze from 6. by 9. to 6. by 4. Barometer falling.

Wishinley Suitewant M. Sa.

From 8 G. M. to Mid. blondy with passing showns. Light to moderate been from 6 by M. Baroneter falling.

Taitenant Ch. S. Or.

Examined and found to be correct.

The Lieutenant On J. On. Navigator

LOG of the UNITED STATES Phip Esslx, Phid Rate, Moved Head and Flew in Basin de l'Eure, Havon, France.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of		lear ths.	200
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
. M.				A. by 6.	6. ly 9.	3.5			29.64	65	63	61		b.c.m. 9.10.	cum mint	2	
2				J		3-5			29.63					b.c.on.g.		3	
3					96. 96. ly 6.	4-5			29.62				104			3	
4					JE. ly 6.	4-5			29.62							3	
5						4-5			29.63				-			2	
6					6. ly 9.	3.4			29.62	64	62	60	-	b.c. g.on. d		1	
7						3			29.62	64	62	60		4.c.p.m.	1	1	
8	1				Market Ber atting	3.4			29.61	64	62	60		begom.	-	2	
9					96.	3.4			29.61	64	63	60		0.c. ou .d.q.		0	
10				Ser Of Chineses	Fly 91.	3			29.61	65	64	62		b.c.m.		3	
ıı					0	2		16.	29.63	67	66	64				3	
oon.					Sinth	2-3			29.64	66	66	64		b.o.m.p.		4	
		1												,			

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 13 "
Longitude by D. R.	0
Position at Noon: Latitude by observations of ©	0 / //
Longitude by chronometer from Forenoon Observations of ②	0 .7 "
Position at 8 A. M.	0 " "
(Longitude by	0 / "
Position at 8 P. M.	0 / 1/
(Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the	0 ./
Error of the Compass by Azimuth © observed at , ship's head	o . / variation used.
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
Serror of the Compass by Azimuth ⊙ observed at ship's head Deviation of the Compass by Azimuth ⊙ observed at ship's head	o , variation used.
Water expended during the preceding 24 hours.	400 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	/800 "
Coal consumed during the preceding 24 hours,	1 tons, 1/20 lbs.
Coal remaining on hand at Noon,	149 " 1760 "

P. M.												
1	J.	ly 6.	96.	1-2	29.	65	65	63	62	b.o.m.p.	cum unit	.3
2		0,,	Chariable	1-0	29.	65	66	64	62			4
3	991	"	Inth	2	29.	66	64	63	61			4
4			9.98.	2	29.1	67	65	63	62		1	4
5				2	29.1	67	66	64	62			3
6			96. ly 6.	1	29.					b.c.		4
7			0	1	29.							2'
8			Chest	1					61			6
9				1-0		73						5
10			Chanable	1-0	29.							4
11			6: ly 9.	1	29.	75	64	62	60			5
Mid.			18.	1	29.	15	63	61	59	b.c. w.		8

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until + a.M. Cloudy and mity passing raw shows his how I sentle to stiff buye from & by I at first shifting to F.E. rand 96. by E last balf Barometer falling. at 2, started first in brilers 13.6. and D. Systemant Ou 9 On

From 4 to 8 a. On.

Cheather cloudy, with light spite of rain Sentle to moderate breeze from 96. by 6. to 6. by 9. Barometer felling eldoly. Thad preparatine for getting underway but on toping it the man steam chief and the ability was recovered to awair invitigation Files On augustin came about, but left as come as it was recovered not to go out this tide.

Williams

Wis whitelery Sieutewant On A.M.

From 8 a. On to Mond.

Clody spacing shower Light to moderate been from \$6. to \$ by the Barmeter ning. At 9.30 mustered add inspected at quarters. Exercised Pards Division at great great great it Division, pristole, 2nd Pittle, 3rd grunny instruction At 10.45 loosed earle and exercised at loveing and fuling. French that the threads on the stem to 16. O. alide valor had been at loveing and fuling. French that the threads on the stem to 16. O. alide valor had been the stem to 16. O. alide valor had been working. Preparations wire made for repairing the injury stripped preventing the engine from working Preparations were made for repairing the injury Banked from Started distilling Iested magazine flood each and found their we working order.

J. N. Jordan Lieutenant a. J. R.

From Merid to 4 P. M. Colondy. Greguest light name showers. Light Foly. Intherly and variable airs. Such achor to Present Duckern + 60, high present value stem what to have new casting made. Distilling.

Odinale Eurign Q. 99.

From 4 to 8 P.M. Dair and pleasant Light been to light air from \$6 by 6 to Chest. Baroneter riving aloney. Carrenied appentices at gymnastics.

Leutenant Q. J. P.

From 8 P. Du to Mid.

Cloudy to clear wrather Fight Checticly, variable and E. by F. to N. Ely.

aris. Fut the high fluence value of engine asked for repair to Press Duckern No.

Claud fire to die out under bothers earsys B., which using for distilling.

Ch. Lindle

Onsign Q. F. Ok.

Examined and found to be correct.

They Heitenaut Qu & M. Navigator

LOG of the UNITED STATES Phip & SSEX. Phied Rate, Moned Head and Flew in Basin de l'Eure, Havn, Traver.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			lear bs.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clean Sky, in 10ths.
. M.				N. ly E.	6.NE.	2			29.75	61	61	59		b.c.nu.	cum unil	6
2					East	2			29.75	- 60	58	57			aumetral	8
3						2			29.75							6
4						1-2			29.76	58	56	55				4
5						1			29.78							4
6						1			29.79					,		3
7						1			29.80							2
8					96	0-1			29.80					0.c.m.		0
9				The state of the state of	Ch. NOL.	1-2			29.80							0
10						1-2			29.80					0.c.m.d.	cum wint	1000
11						1-2			29.81					0. c. m. v.		0
oon.					1191	1.2			29.81	1						0
oon.					01.00	, ~		-	~1.01	-	-	-			-	0

Course and distance made good since preceding noon by	observations.		knots.		tenths.		
(Latitude by D. R.			0		"		
Longitude by D. R.			0	,	"		
Position at Noon : Latitude by observations of O			0	,	,,		
Longitude by observations of G	rancon Observations of O		0	,	,,		
	renoon Observations of O		0	,	"		
Position at 8 A. M. Latitude by Longitude by			0	,	"		
			0	,	,,		
Position at 8 P. M. Longitude by			0	,	"		
Current during the time, knots tenths per	r hour, setting to the						
Error of the Compass by Azimuth O observed at	, ship's head		0	'			
Deviation of the Compass by Azimuth O observed at	, ship's head		0	,		variation used,	0
Error of the Compass by Azimuth O observed at	, ship's head		0	,			
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head		0	,		variation used,	0
Water expended during the preceding 24 hours,			40	0	gallons.		
Water distilled during the preceding	24 hours,		90	0			
Water remaining on hand fit for use at Noon,			200	00			
Coal consumed during the preceding 24 hours,			tons, /	44	o lbs.		1988
Coal remaining on hand at Noon,		149	. 3	320	) "		

P. M.				T						
P. M.		N by 6.	Q. A. W.	2-3	29.81 61	61	60	0.c. m.v.	cum minb	0
2		,	Jr 94.	3.4	29.81 61	61	60	0.0. m.v.9/	4	0
3				3.4	29.8161	61	60			0
4			10h. ly No.	2-3	29.80 61	61	60	0. c.m.v.		0
5			. 0	2.4	29.81 61	61	60			0
6			Or. A.Or.	2-3	29.79 61					0
1				2	29.79 61	60	60			0
8			NO1. by Ob.	3-6	29.79 62	60	60	0. c. ou.v.g.		0
9				3-5	29.82 62	60	60	,	"	0
10	1 (			3-6	2984 62	60	60	"		0
11				3-6	29.84 62			"	"	0
Mid.				4-7	29.84 62	60	59			0

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until + a.l.M. blear and cool. Light breeze from E. NE. to East. Steady

L'm. Wance Ensign Oh. S. On.

From 4 to 8 a. On. Cloudy, miety, foggy friet part of watch Light air from East to 96. Barometer rieing about. By orber of Commanding Officer confined B. David (app. 3cl.) or quarter deer one broke and water for one day, offerer interfering with Petty officer in discharge of his deety.

Leutenaut & S.O.

From 8 a. Mr. to Merid.

Occash and cloudy, came last two home Light A. A. A. A. and Norty aire and bruger Mustered at quarters at 9.30 land exercised the apparature at thetaline drill on chore except yout of the 3th Division which was instructed in granay. One steamer left the bain.

J. Clonican accept was form about at quarters, also cleamer left the bain overtime.

Overtime.

From Merid. to 4 9.90.

Oricost cloudy and rainy. Right to gritle breeze from Ch. A. V. to N. by S., with moderate breeze in aqually. Itady baronter Began taking fresh writer on braid from their hydraul at 3.30. L. m. ramo

Down 4 to 8 P.M. Onecast cloudy and rainy Beary rain find the hour of water Their water Sentle been from O. A. Received from Harry Grater Corner about 2300 gallow fresh water for filling brilers. Our steamer left the harbor. Obsteamer left the harbor.

RoSintale Ros Everign Ch. A. Oh

Dem & P. M. to Prid. Onceal clondy and rainy. South to moderate been from N. C. by Ch. with etiff to fresh buyer in ignalls. Barmeter vieing first how, steady saftemands. The steamer left the baim and two entends.

Inon Ensign Q. J. M.

Examined and found to be correct.

Royalt. Sientenant W. S. Warigator

LOG of the UNITED STATES Thip Essex, Phind Rate, Mound Had and Stern in Basin de l'Eure, Haver, France.

			Panding		WIND.				BAROME	ETER.	TEM	PERAT	TURE.		The second	24	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel	Leeway.	Height in inches.	Ther.	Air, Dry Balls.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the
A. M. 1				J. ly E.	Q. N. W.	2.8			29.86	61	60	59		0.c.m. 1.9.	amumil	0	
2				1	"	5.8		23	29.89	61	60	59		0.c. u.m.gr.		0	
3				"		6-8			29.91	60	60	59				0	
4				4	NOt. by 84.	6-8			29.91	60	59	58				0	
5						6-9			29.96							0	
6						5.8		-	29.98	60	58	58				0	
7						5.7			30.03	60	58	58		-	200	0	
8				344	100	5.7			30.05	60	59	58		ac.mafq		0	
9						5.7			30.09	59	58	57				0	
10						5.7			30.12	100		1				0	
11						5.7			30.15							0	
Noon.						5.7			30.17	1						0	
						1					Mil		1.				

Course and distance	e made good since preceding noon by ob	servations,	knots,		enths.
	(Latitude by D. R.			,	"
	Longitude by D. R.		0	,	n .
Position at Noon:	Latitude by observations of O		0	,	"
	Longitude by chronometer from Forer	oon Observations of O	0	,	"
	(Latitude by			,	"
Position at 8 A. M.	Longitude by		0	,	"
					,
Position at 8 P. M.	Longitude by		0.	,	"
Current during the		our, setting to the			
		, ship's head	0	,	
}	ompass by Azimuth O observed at	, ship's head	0		variation used.
		, ship's head	. 0	,	variation used,
1			0	,	variation used.
	ompass by Azimuth O observed at	, ship's head			zallons.
	aring the preceding 24 hours,		7	00 1	gallons.
Water	during the preceding 24	hours,	/0		
Water remaining o	n hand fit for use at Noon,			50	"
Coal consumed dur	ring the preceding 24 hours,			1280	lbs.
Coal remaining on	hand at Noon,		148 "1	280	

P. M.										
1	A.	NE NO	y. s.	6	30.20	60 59	58	0.c.m.q.d	um mil	0
2			5.	6	30.22 6	00 59	58	0.c.m.g.		0
3			5.	6	30.23	00 59	58			0
4			5		30.24	6160	59	f.c.m.		2
5			. 5		30.25	61 60	59			2
6			84. by 194. 4.	5	30. 25	61 60	59			3
7			4		30.29	61 60	58			3
8			4		30.32					3
9		. 9	4.124. 4		30.33					3
10			2. h. N. 3		30.33					5
11			2. ly A. 3		30.35	61 60	58	6.0.m.w.		5
Mid.			9. ly 9. 2.		30.35					7
			1							

, U. S. Navy,

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

0 - 1 10 0	
Commences and until 4 a. M	awally with bean row most of watch
Stiff buy to moderate gale from Ok. NOV. an	a NO by Ch. Balometer rising slovely.
	Sinthank Of 90k
From 4 to 8 a m.	gy wather and heavy raw. Itiff brezer to INOL by Ch. moderately last hims to they RA Gradale
moderate and freel gales in squalls from	NOV. by Ob. moderating last home to dry
fresh begue. Bountle rajudly vising	R. Sisdele
	Bueign U. J. R.
From 8 a. On. to Meriob.	
bluming less bequesty latter past of water B	annute stadily nama I Dollehew Sea returned
on brand 15/2 hour mortime There ateamers en	raing. Itiff to feel NOTY begger in equallo armoter stadily ning J. Gollefew Tha returned trud the bank.
	Im reneed
	In name of S. M. S. M.
From Meid to 4 G. M March march and class	de with sain look lower of water Still to
From Phecid to 4 P.M. Obsather micael and close fresh breeze in aqualler from N. M. Barometer	dring.
	Wallhiteley
	WKWhiteley Lewtward Q. S. M.
From 4 to 8 P.M. blondy but pleasant. Ftiff	to murdente love low shift to shift by the
Rising baroneter.	a mountain
	L. M. name Energy Ol S. R.
From 8 G. M. to Mid. Obsertler shad showing	wing watch Sight to still been in equally
from Or NO. to Ch. by 9. Barometh vising.	uring watch Eight to stiff here in equalle
	Wiswhiteley
	Wis Whiteley Lew tenant h. J. g.
	,
4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
all property and the second	
Examined and found to be correct.	
A CONTRACTOR OF THE CONTRACTOR	D 1100
The Paris of the P	Royer Alact. Lexiteward & A. Navigator
	Medicular w. J. Navigator

LOG of the UNITED STATES Ship Essex. Third Rate, Prooned in Bain de l'Eur. Havr. France, and making passage to Sistem Fortugal.

	T					WIND.				BAROME	TER.	TEM	PERAT	URE.		100000	1 2 4	1 4
Hour.		Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of Clear Sky, in 10ths.	1 5
A. M					St. by &	991. by 94.	4			30.35					b.c.m.w.	cun etial	6	
2	1						3			30.35						"	7	
3	+					Ok. J. Ot.	3			30.86					•	-	7	-
4	-	-					3			30.37				233	0	cir.cum	7	10
5	+		-			A94.	2			30.37			100		t.c.ow.	eum remiel	2	10
6	+					Oh. by A.	2			30.38					"	euw.	2	1
1	+					Orler N.S.Or.	1			30.39			1000		*		4	1
8		1				Cheet.	1-2			30.39			1000			-	4	-
10	+	1				THE THE THE THE THE THE THE THE THE THE	1-2			30.40						-	3	1
11	2		5	96.3	Jugu.	Variable	Q-R		Me	30.25	63	63	62				7	3
Noon			0	5.8		NOt.ly N.	1			30.24					•		7	

A. THERMALINE		
9.5	Distance by Log	
, ,	societies of ord	

Distance by dry	and the second s
Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 , "
Longitude by D. R.	o i
Position at Noon: Latitude by observations of O	0 1 "
Longitude by chronometer from Forenoon Observations of O	
(Latitude by	ò , , ,
Position at 8 A. M. Longitude by	
Position at 8 P. M. { Latitude by B. R. from degranture	49 ° 52' 30." W.
Position at 8 P. M. Longitude by Chemometer from O. Mr. observation o	1 036 15 "%.
Current during the time, knots tenths per hour, setting to the	
( Error of the Compass by Azimuth O observed at , ship's head	0 ,
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
(Error of the Compass by Azimuth O observed at , ship's head	0 .
Deviation of the Compass by Azimuth O observed at , ship's head	o , variation used,
Water expended during the preceding 24 hours,	450 gallons.
Water during the preceding 24 hours,	" - 1
Water remaining on hand fit for use at Noon,	1400 "
Coal consumed during the preceding 24 hours,	6 tons, 1840 lbs.
Coal remaining on hand at Noon,	141 " 1680 " .

P. M.																100
1	6	5	12.6	191.	19. ly N.	1		30.25	62	62	60	59	b.c.m.	cum.	6	9.
2	7	4	20.0		North	2	-	30.25							5	
3	7	6	27.6	,	N.N.6.	2		30.25	62	62	61	59			J	
4	6	9.	27.6 34.5 37.6 39.0	Lunging ship	NG.	2		30.24	64	64	61	59			5	
5	3	6	39.0	Nov.		2		30.23	64	62	59	57	2000		5	
			46.1		NE. h &.	1		30.23	66	61	59	57			5	
			53.4	Q1. AQ1:/4 Q1.	8.46.	2		30.22	65	64	61	57			5	
					East	2		30.20	62	62	60	57			5	
9	3	3-	64.7	191.1/201.1291	Calm.	0		30.20	62	62	60	57	6,0.m.w.	cum strat	6	
10	7	0	75.2		9.98.	2		30.20	62	60	58	57	"		3	-
11	7	3	82.5			2		30.19	62	60	58	57			4	-
Mid.	6	7	89.2			1		30.19						•	6	
		1	13 /													

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communed and until 4 a. M. Pleacant bayy or misty to seaward. On oderate to gentle breeze from 904 by 94 to 04 N. A. B. Barmeter steady, then neving

Greatewant Ch. J. M.

Crum H to 8 a.M.

Cloudy but pleasant hay Eight breye to light are from NO. to O. F. O. Barmeter riving Fracted fries in boilers B. b. and D. at 4.15 Queed one engine at 7.50 and reported ready at 9.57. Pilt came on board at 7.30. Freued brate for sea and unshipped both accommodation ladder Ausum Barque Europe barled out from dock.

L. W Hame Ensign U. J. O.

Oum 8 a. On. to Pheid

Steady. At 8.15 km up the port auchor and enight the quarter line I fam Chest to N Ch by N Baroneter steady. At 8.15 km up the port auchor and enight the quarter line I fammahite, Chad am I Rumd and S. P. Sweney, Edo, reported their terms of enlictment having exqued The Ocean Barque Europe in shifting her both forted on head brown so that in had to woo chain. At 9.30 mustred over at quarter, then called all haule unmore ship, got underway and at 9.55 stord out of the gater Commanding Office, Prangator and Febr on the bidge. At 10.50 trops of sugare and the Febr left the ship off buy 40.7. At 10.50 trops departure Bury 40.5, training 416 to 4. (mag) distant 15 mile; and the two lights on beyon laborer in range. It come 49 yel and put one patient by surjectiving 96.3. This under steam almo. Fixam queenew 56 lb. 40 resolutions 40. WBWhineley

Lieutenant G. J. Gr.

Dem Merid. to 4 9.92.

Bleau and pleasant Light bery from N. H. to N. E. On conce N. H. under street along At 2 eighted band born at 4. sighted Barfeur Light Bour baning abut Best band on starband born. At 4. sighted Barfeur Light Bour baning abut Best Boul made and only the starpands of security and all appendices at eithing up saccess before exper yes entire. According estimate green surface and stary allows the starpands are all or as of expectation of external star and say framewhite. It thereof so the starp starpands are their day hours by discharged from the start Penine by order of expension of extending the start all

Queign Qu. S. M.

From 4 to 8 P.M.

Chew and pleasant, lazy around horzon, Aight brezo from No. to East Baronetu falling clark, Communed auniquing align at 4 ordered and further at 4 to when model concert the and est all from only after each exactly order of Communiting Office Changed concert to be the character with "abandor ship at 5.10. At 5.20 Buffew dight House bre abrain By order of Communiting Office Changed concert to be the NO. N. N. O. Hard concert and sailing overles in eight during water . Buder stan with break and 5. Average stan general so the No. Revolution 40.

L. mo name Energy Qu. J. M.

Jum 8 G. On to Quino.

Fair and pleasant balow, and light air to light buy from 9.96. Barrater falling my shale. Faring a course & 2.40.14 9. wader them alow, at 8.30 by new of Commending Officer changed concer to 44. by 4.12 9. Parale the lighter or the French eract. At Midsight barquete born 9.99. 164. It again 9.194. Passed senset creeks during water. Amazor. Steam pressure 55.15. Amazor revolution 40.

Examined and found to be correct.

J. K. Jordan. Di & M. Hogers N. Galt. Serigator

LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Have, France, to Liston Portugal.

			0	0 0						-	-	-	-		AND COMPANY	500	
			Reading		WIND.				BAROMI	ETER.				State of	Forms of	lear the	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.	83	31	96.3	101.601/201.	f. f &.	,			30.18	61	59	57	57	b.o. m.	cum ctat	6	8
2	7	0	3.3	./		1			30.16	62	28	57	57			7	
3	8	1	11.4			1-2			30.14	62	58	57	57	100000		7	
4	7	4	18.8		5.46.	1-2			30.12	62	58	57	57		12 45	1	
5	7	3	26.1	Heet	96.	2.3			30.11	60	58	57	57			5	
6	6	7	32.8			3			30.11							5	
7	4	5	37.3			3			30.10							~	
100000	4	4	41.4			3			30.09							4	
9	4	0	45.7		6.96	3			30.10							4	
10	3	8	49.5		East	3			30.09							4	
	4	0	53.0		6. h. s.	3			30.09				1			5	
Noon.		2	58.2		6.46	4			30.09							5-	
								-									

152 . 8 Distance by Log. Course and distance made good since preceding noon by observations, J. 86 94. 156 knots, tenths. Latitude by D. R. from Departure 49 . 36 . 48 . 1. 3 . 58 : 45 .94. Longitude by D. R. Position at Noon : 49 048 . 44 " N. Latitude by observations of O 3 056 56 94. Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. (Latitude by D. R. fum Nome 49 0 20:00 " 4. Longitude by Observation O 3 .33 .45" 04. Position at S. P. M. { Latitude by D. R. Jemo Nom P. On. observation of the Congitude by Chemometer Jim P. On. observation of the 49 034 , 50 " N 4 059 , 23 " Ch. Current during the time. , 46 knots tenths per hour, setting to the . N 6 . 94. ( Error of the Compass by Azimuth @ observed at 4.430 M, ship's head Of est. 19022 . 84. 1 . 52 .04. variation used, 17 0 30 % Deviation of the Compass by Azimuth O observed at .. , ship's head ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head variation used, 550 gallons. Water expended during the preceding 24 hours, Water distilled 150 during the preceding 24 hours,

1000 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 3 tons, 1600 lbs. Coal remaining on hand at Noon, 138 " 80

																Bioline St.	
-	P. M.															100	
	1	5	7	63.9	West	6. by 1.	4	30.06	65	63	61	59	6.0.m.	cir.atrat.	5	2	l
1				69.6			4-5	30.04	65	68	61	59		cie.	4		l
	3	5	7	75.3			4						0.0.m.				
	4	4	9	80.2		Gast	4	30.63	65	63	61	59	0.0.m.d.		1		
	5	4	6	84.8			4	30.00	66	66	64	59	f.o. m.		4		
	6	5	3	90.1			4.5	29.99	66	66	65	59		cir.cum.	4		
	7	5	5	95.6			4-5	29.99	65	67	65	59			6		
	8	5	1	100.7			4.5	30.02	65	64	62	59			5		
	9	5	5	6.2			5	30.03						cum ital.	5	9.	ì
	10	5	6	11.8			5	30.05	-65	63	61	59			5	-	
	11	6	0	17.8			5	30.04	65	63	61	59			6	:	
	Mid.	5	1	22.9			5	30.03	64	62	61	59			6		
	100			1772													

# Commander E. T. Strong. Faturday June 13

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. .

Bair to clear slightly basy wight aim to light brey from \$156.

and I by E. Barmeter falling Fitzering course Not by 18 1. In under ateam alms, ateam present 55 lb., revolutions 40. At 1.20 Careguette Light book about on por hand dictant about 9 miles. Paned a number of steamer bound up bhounes. To Lee Secret Or. S. A.

Grow 4 to 8 a. On

Obsather fair and pleasant, with light to gentle hery from F.G. Barmeter falling At 440 changed come to Obset, patent log registering 24.1. At 50 clock made all sail, easing manning, main toy mark stay and man trypail As 5.46 at pepul regime, unapplet grapeller and backed from At 7.30 started destiller

Leutenaut O. J. M.

Orm 8 a. On. to Merid

Fair and planeaut. Sentle and moderate bergs from E. 96 to E. No. On concer These (go) at 9.50 took in spanker and mayou topmant stayear Trumbur of steamen and sailing result in sight on various convers. Distilling dight Orestely sunts. Ch. Tishale

Ousign 9 99.

Chem Cheid to 4 G. Cm.

Should but pleasant. Otherwater been fem 6 by h. to Gash. Barometer felling. along On concer Ores under all plans and to anyte except the manisal and eparter. At 10 tcher ast the major topmast staysail and at 3.50 handed down jet flying jet and major topmast staysail Exercised appendicle at extens up eace and I served ateamus and felling brate in aight. Distribung . Ing Orestel, auth As entired in the Original account for three year each, James your sand Arma Tremad and I show of There year as Sandaman.

Energy Ch. J. Or.

From 4 to 8 P.M. . Dair pleasant, and bayy around horizon Orodevate to stiff been from Each Barometer falling them reinig. Fleening a concer West under agreen pail to angels (eacyst manual) and fore topmach stayeoil . The thanew passed etanding up blaunel. Feelind anchors on the bow.

J. M. Jordan, Luntenant G. J. a.

From & P. On to Orid . Dair hay and damp Fliff hery from East Barometer viving first half, then falling clory I morth sea Flering course Obest under equal sail to engels (easiff maurail) and fore topmark staysail.

Lestenant Q & . W.

Rogers H. Galf-Secretary Q. J. O. Navigation

OG of the UNITED STATES Thip Essex. Third Rate, Making passage from Haver France to Lisbon Portugal.

			Reading		WIND.				BAROMI	ETER.	TEME	ERAT	TURE.	State of	P	lear ths.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clean Sky, in 10ths.	Stateofthe
. M.	64	7															
1	5	2	28.1	Otest	6. by 1.	4			30.03	64	62	61	59	b.c.m.w.	civ.atrat	4	8
2	5	2	33.3			4			30.03	64	62	61	59			4	
3	5	4	38.7			4			30.03	64	62	61	59			4	
4	5	7	44.4		. 1000	4			30.02	64	62	61	59		1	3	
5	5	5	49.9		Oast	4			30.02	63	62	61	59			3	
6	5	2	55.1			4			30.04	63	62	61	59			4	
7	4	8	59.9		1	4			30.05	-64	62	61	59		cir cum	. 3	
8	4	3	64.2			3-4			30.04	64	62	61	59	b.o.m.	1.	6	
9		3	67.5			3			30.04	66	64	62	59			6	
10	4	5	72.0		6. by 9.	4			30.05				,			7	1.
11	3	5	75.5		8	3			30.06				1 23			6	
oon.	2	6	78.1			3			30.08				62			6	
	~		10.1							-							
C	ourse	e and	. [L	ade good since preceding atitude by D. R. ongitude by D. R.	g noon by observation	ns, I	69:9	4.	126	0	55	59	"0	N. 4.			
	03111	, at	L	atitude by observations of	of O				40	9 °							
				ongitude by chronometer		ervation	s of C		6	, 0,	57	44	1 " 9	<i>l</i> .			
p.	neitic	n at	A. M. La	atitude by D. R. from	is None				4	90							
			(Lo	ongitude by Observati	nv O					6 0	28	35	" (	U.			
. p	ociti	on at	S P. M.	atitude by D. R. from	None	٨			4	8 0	28	47	" .	N.			
	OSILIC	m at	1. M. (L	ongitude by Chronon	ceter from P.M.	obser	atim	0		7 0	17 .	42	6	t.			
C	urren	t dur	ing the tim	ie05 knots	tenths per hour, setti	ng to th	e M	5900	24.								
(E	rror e	of the	Compass b	y Azimuth O observed	at 7.20 a. %, ship's h	ead	Otes	+	2	0 0	46	04.					
1D	eviat	ion o	the Comp	ass by Azimuth O obser	ved at , ship	p's head				1 0.	46	W.		variatio	on used, 19	00	0 .
(E	rror e	of the	Compass 1	oy Azimuth O observed	at , ship's h	ead				0							
lD	eviat	ion of	the Comp	ass by Azimuth O obser	ved at , ship	o's head				0				variatio	on used,	0	,
W	ater	exper	ded during	g the preceding 24 hours							40	0 8	allon	s.			
W	ater		listilled	during the p	oreceding 24 hours,						10	00	"				
W	ater	rema	ining on ha	and fit for use at Noon,							160	00					
Co	oal co	nsun	ed during	the preceding 24 hours,					2	tons	, 11	80	lbs.				
			ing on han							_	11		"				

P. M.																
1	1	0	78.6	Chest	\$6.	1	30.08	68	67	65	62	b.c.m.	cir. etial.	6	9.	į
2	1	0	78.8		Ganable.	1	30.08							6		ı
3	2	5	80.2		East	2.3	30.08	68	67	65	62			5		-
4	2	7	82.9			2	30.07	69	67	65	62			6		H
5	2	2	85.1			2	30.05	70.	72	67	62		6			
6	2	4	87.5		&. JE.	2	30.06	69	71	67	62			5		
7	2	2	89.7			2	30.06	68	68	65	62					
8	2	5	92.2	•		2	30.08	66	65	63	62		cum strak	4		
9	2	3	94.5			2.3	30.10	66	65	63	62	6.0.m.w		4		
10	2	0	95.9			2	30.10	66	64	62	62			6	-	
			98.5		NE. by N.	2-3	30.10	6.5	64	62	62			5		
Mid.	4	2	2.7		North.	3-4	30.10	65	63	62	62			1		
					Late Late Late Late Late Late Late Late										-	

## Commander & Throng Funday June 14

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Obsather clear and pleasant, with moderate breeze from E. by M. Barmeter steady. This under for topmant staypail and all agrave sail except manusail, steering a concer. Fire banked and distilling.

Well harberg Similary

From 4 to 8 a. M. Dair hazy around horizon . Operderate and quitle breye from Each . On come these (po.) at 6.30 sighted a steamer braining Not distant about 3 miles standing to I'd Light Ely curll and ear Disalling . No change in hail .

R. D. Lind ale

Energy V. S. M. S. C. M. to Merid.

\*Coary pleasant weather I sentle to moduate been from East to E. by S.

On conner Cheek under sail as in greening tell 11:30, when set migger togenest staysail Passed

English ships standing to I'd and Ed. I morth sea "Cad quarters at 9.30, Commanding Officer

inspected ship and held Dione Tence.

Ensign On & P. M.

FE to Each Barometer steady. Thering Creek under same sail as before. At 12.45 at from and aft sail eaself main turbail at 1.00 took them all in eacept for topmach staysail.

J. N. Jordan. Lieutewant Gr. J. P.

From 4 to 8 PM.

Pair, but ery hazy. Light breeze from East and E. N. E. Fororth sea. Bacometer reinig. From growing course Chrost sends all equals each (eacept manisois) and for topmast staysail.

Of 5.30 set all for and aft each eacept main trysail.

Ours & C. M. to Mid.

Cherother clear and pleasant hazy about housen Light herr from 6.46. increasing to moderate breeze harling to North. Barmeter steady. This huder sail alone steering a course.

Distilling.

Wis Whiteley Siewtenant Ch. & C.

Examined and found to be correct.

Roger Healt De Sell Navigation

LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Havn, France, to Liston, Portugal

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		bear be	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balls.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cle Sky, in 10th	Stateofthe
A. M.		6	7.1	Otest	16. h. A.	4			30.08	65	63	62	62	b.c.m.w.	cir.eum	7	8
			11.6		J. W.E.	4			30.08							8	1.
3	5	0	16.6			4			30.08							6	
			22.1	•		4			30.07							7	
			27.3	-		4								b.e.m.	cum.	5	-
			30.7	•	1	3			30.08					"	cum strat		1
			33.3		Mohy M.	2			30.07							6	
			36.9		1. by E.	2			30.07								
10			39.1		North	3			30.07							7	
			43.3	W./4 9.		4		1/2	30.07	64	63	62	61			7	
Noon.	5	2	48.0	Of est.	N. by 94.	4		1/2	30.06	62	62	61	61	0.0.		0	

73 4 Distance by Log Course and distance made good since preceding noon by observations, \$59.94. 73 knots, tenths. 48 036 11 " N. Latitude by D. R. Position at Noon : Latitude by D. R.

Latitude by observations of © 8 044 44 "04. 48 026 , 56 " N. 8 0 33 1 33 194 Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from None 48 0 42 23 " 1 Longitude by Observation O 8 0 16 , 03 " 94. Position at 8 P. M. { Latitude by D. R. Jeon Nover Com Constitute by Chronometer from Con observation o 48 015 , 54 " N. 9021118 1194 knots tenths per hour, setting to the Current during the time, Error of the Compass by Azimuth O observed at 50.9%. , ship's head West Deviation of the Compass by Azimuth O observed at .. , ship's head .. Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

21005.96 1 0 45.04. variation used, 190 20 % variation used, 4 00 gallons. 900 "

2100 "

1 tons, 1920 lbs. 134 " 1460 "

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

Water expended during the preceding 24 hours,

														T	
P. M.										1					
1	4	7	52.7	Object	A. ly Qt.	4	14 30.06	61	61	60	61	0.0.	cum.	0	9
2	5	6	58.3		0	4	1/4 30.0								
3	6	4	64.7			5	1/4 30.0.	5 61	61	60	61	0 . c.m.	-	0	
4	5	8	69.5			4.5	14 30.0	4 61	61	60	61	b.o.m.	Cue	1	
5	4	2	73.7			4	14 30.00	4 63	63	64	61		etiat.	2	
6	2	0	75.5			2	14 30.0:	3 68	65	63	61			4	
7	1	0	76.2	Qu:14 9.	1.101.	2	1/2 30.0	3 62	64	62	61			4	
8	1	7	76.5	Chest.		2	12 30.0	3 62	62	60	61	b.c.m.w.		5	
			78.7	Q1.901./201.	ACH. hy A.	2.3	1 30.0	3 61	61	60	61			5	
			79.7	99. ly 01/201.	ret.	2	/ 30.02							6	
11	2	5	79.7	fol. 1/2 g.	A 91. ly 94.	3	1 30.0	61	60	59	60	-		6	
Mid.	3	2	82.9	F. 992:/204.	Ox. Sox.	3	/ 30.00	6	60	59	60			5	-
								1		'					

## Commander E. T. Strong Monday, June 15

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. CM.

Colean but damp and hazy around houson. Moderate breeze from North and I. N.E. On course Cheek (po.) under all sail eaceys manusail, man trybail and gaff topeast. Distilling Light & Ely will.

RA, Lishale Ensign U & M

From H to 8 0 M. Pleasant hazy weather Moderate to light breeze from I No. to No. by N. Baromoter steady. On concer Chil. No change in earl. Distilling Sight Ely well 13y order of Combig Officer Confined on greater del on break + water at 8 amb F. E. Chinn, a 3 e, officer: Impudence to a Petty Officer.

L. Manuel Energy Ou & ON

From 8 a. m. to merid.

Fair and pleasant first part of watch hay around housen Foggy latter part Light to moderate been from by 8 to 10 by 10 arometer steady then falling Thering Otrest under all each except manical and man trysail first part of watch ty the wind or standard tack latter part. At 9.30 cet main trysail At 9.30 mustered at quarter. Exercised Agreements of Period at Greek Luna Survey and Tunning materials; 2 and Period at Franching Institution and Tignal A 12.00 Mendian get a cast with Funding Machine in 80 fathous bottom frie yellow band and broken chell Tunners gang overhauling and refilling cylinder of II wich the No.44.

Gentewant n. 99.

From Merid to 4 9.9%.

A by 94. Imworth sea. Barmeter steady first half, then falling lloody. Itseeing course Prest under all sail eacept maineal. Brys of watch on dex engaged in knottling and explaining from 1 to 3. Earnesd engaged in knottling and explaining from 1 to 3. Orcharled sylviders of 4 wich grand Nos. 43 and 47.

Signiturant & 4.91.

From 4 to 8 P.M. Deather fair. Onoderate, falling to light breeze from A by 9. to A. A. M. Barometer steady. At 5.30 earnised at reefing topsails till 60 clock while left ship under all suit except markeail. Distilling.

WBWhinelery Lewitenant Ch. J. On.

From 8 G. Mr. to Mid.

Fair clinds from Oh At the Light to gentle heezes from ANO to ON AT By the sund, starband tack to Change in each all 9.25 hould in fatour log reading 79.7, justing it me again at 11. Barque on starband quarter at 8, michaeld and passed to lesward deading the by the last how. Distilling Barometer falling assistate

Examined and found to be correct.

Ensign Qu. J. O.

Roger Stiller Secretarion Navigation

# LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Havre, France to Liston, Portugal.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.			Page Page	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cl Sky, in 10t.	Stateofthe
А. М.	41	6						,									
1	2	2	35.1	Perly 9.	Q1. 11.91.	3		1/2	29.98	61	60	58	60	b.c.m.w.	cum nim	2	9
2	2	1	37.2		•	3		1/2	29.96	61	60	59	60	b.c.d.		1	
			90.0	J. J.W.	Ql. ly N.	3-4								0.c.m.fg.		0	
4	3	3	93.3	I by Ok.	ales.	4								0.c.m.d.		0	
			97.2	91201.		3-4			29.94							0	
			101.8	Inal	91. ly 9.	4										0	
7	1	8	3.6	-Net le de	ON. 401.	4			29.93								
			10.5	NOLLY N.		4								0.0.			-
			14.0	1.04 3/4 A.		3.4								0			
			17.3	1.101.1204.		3-4								b.c.m.w.		0	1
			21.2			3-4								0.c.m.g.			
			25.0	A by 04/204.	Ot. by F.	3-4										0	1

	83. 7 Dietau	a by Log.			
	Course and distance	e made good since preceding noon by	y observations, to obser	water 83 knots, 7 tenths.	
		Latitude by D. R.		48 ° 03 ' 08 "A.	
		Longitude by D. R.		9 0 37 151 "94.	
	Position at Noon :	Latitude by observations of O		47 °51 '08 " N.	
		Longitude by chronometer from Fe	orenoon Observations of	· So observation "	
		Latitude by D. R.		47 ° 51 '32 " N.	
		Latitude by Ø. R. Longitude by Ø. R.		9 0 24 ' 51 " 04.	
		(Latitude by D. R. Lum Mon	m/	47 ° 55' 52" N.	
	Position at 8 P. M.	Latitude by D. R. fund Non Longitude by D. R.		47°51'32" N. 9°24'51" H. 47°55'52" N. 10°09'51" H.	
	Current during the		er hour, setting to the		
-	Error of the Compa	ss by Azimuth O observed at	, ship's head	0 ,	
-	Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0 .	variation used, o
	Error of the Compa	ss by Azimuth O observed at	, ship's head	0 ,	
	Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0 ,	variation used, o
	Water expended du	ring the preceding 24 hours,		400 gallons.	
	Water distille	d during the preceding	g 24 hours,	1000 "	
	Water remaining or	hand fit for use at Noon,		2700 "	
	Coal consumed duri	ing the preceding 24 hours,		1 tons, 1760 lbs.	

Coal remaining on hand at Noon,

P. M.														Di Ali		100
1	2	6	27.6	A by Q1.1/2 94.	O4. by 9.	3	1/2	29.90	63	63	62	61	0.c.m.	cum wint	0	9
			29.9	A. NOL. 12 Ot.	Ich. ly Ot.	3										
3	1	5	31.1	NO1. by 91.	fa.ly f.	2							b.o.m.p.			
			33.9	CH. ly N.	9.90°	3.4	,						0.c. on .91.		0	-
			38.4	C4.394 N.		3-5							o.c.f.d.g.			m.
			43.0	Q1/2 N.		4.6									0	
7	4	2	47.2	CH. NOH/204.		4-6										
			48.0			4.6									0	
			Hauledin	04.194.	FO1. 6. 9.	4-6							0.c.m.g.d.	1/-	0	
				1.04. 6,94/204.	8	4.6							5000		0	
11	1	0		101/201	fol.	4.6							0.0.mg.r			-
				NO1. ly 04.		4-6	1							2.		-
1								"								

132 " 1940 "

, U. S. Navy, , 1896 . . .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. ON.

Severally orreach cloudy and damp with light drighing nain latter part. Sentle to moderate beeze from It I to the Baroneter falling. By the wind on starband tack. At 12.05 took in and fulled royale and flying jit. Distilling.

L. m. name Ensign Qu. J. W.

From 4 to 8 a. Cm.

Oricaet cloudy and foggy. Gentle to moderate breeze from Neet to 9. 994. Barometer steady there falling. Thereing by the wind on starbard tack under all eace except mammel. At 6.15 um ship and stood by the wind on port tack. By order of Commanding Officer confinit on quarter deck, for one day on bread and wroter, J. Brewn (App 3cl.), offence, impudence to an officer.

Leuterant V. J. M.

From 8 a. On. to merid

Onceast to cloudy foggy first how mity and damp. Gentle to moderate large from Or III and Or by I Imorth sea. Baronter steady. By the wind on port tack under all vail except mainsal bonne to be made Chest. At 9.30 muchused and inspected at quarter Dulled 1st Division, enigh stack 2th ennall arms, 3th gunnery instruction, powder, gunnery instruction. Instructed in an amountary and engages 2th period. Onchanted recoil cylinder of 4 h. F. Is \*48.

Tested magazine flood colle and found them in working order

Orm Merid to 4 P.m.

Cheather occased and cloudy, with light squall with mich at end of watch.
Barometer falling . Fentle to moderate breeze from Ob. by I haveling to I He 12.30 took in main trypail. Earlied appendices of watch, at barning the year and compass during 3th and 4th pende, then both nather at gymnastics. At 3.55 took in organs and flying jet Thip by the unid on port tack. Timber deather and flushed distilling and flushed the began. Our hauled and refelled the recoil cylinders of 4" guns Nov. 49 and 50.

From 4 to 8 P.On.

Oricaet, clondy, forgy, and driggling rain until latter part of last hour. Oborderate to fresh breeze from F. I the wind for tack. At 4.10 est the spacker At 4.50 took in and fuled toppallant sails; at 6.45 the jet, main and mygen topmest stageails. At 7.10 called all hands, took two single reefs in toppalland and me reef in forward. Barometer falling. Distilling for botters. Inhab both bown chains.

Gueign Q. J. M. From 8 J.M. to Mid. Ocnosed cloudy and rawiy . Tho devate to fresh breezes in aqually from I R. by I to I R Becometer nearly steady . By the wind on food tack Is change in sail Dittling . Timoth sea

Rozers Hefalt-Lieutenant De & Or November

Third Rate,

LOG of the UNITED STATES Ship Essex, To Making passage firm Have, France to Liston Portugal

		I	Reading		WIND.				BAROMETE	R. 1	гемр	ERAT	URE.			ear.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	er. /d.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clonds, by symbols.	Prop of Clea Sky. in 10ths	Stateofthes
A. M. 1		0	Hauledin	N 94.	991. ly 94.	5.6		3	29.74 6	1	61	60	61	6.c. p.ong	cumuinl	0	9
2	1	0	4	NO1.12 N.	. 0	4.6		3	29.74 6	1	61	60	61			0	
3	.1	4		N. h. Ot.	Chest	5.7		4	29.756	0	60	59	61			0	
4	1	0	48.0	9004.	NO1.	5.7								O.c.dom. g.		0	
5			51.7	901.1201.		5-6			29.79 6							0	
6			56.3	904.3/404.	(1	5-6			29.81 6						atras.	6	
7			61.0			5-6			29.81 6							6	
8		1	66.1			5-6			29.84 6							5	
9			68.3	S.91.		5.6			29.86 6						Cum etal	6	
			78.7			5-6		,	29.90 6							6	
			85.2			5			29.94 6							5	-
Noon.			91.2			5-			29.98 6							6	
	71	,	Wiston				-				1						

Course and distance made good since preceding noon by observations,

Latitude by D. R. Position at Noon : Longitude by D. R. Latitude by observations of O Longitude by chronometer from Forenoon Observations of ⊙

Position at 8 A. M. Latitude by D. R. from Norm

Longitude by Observation O

Position at 8 P. M. { Latitude by D. R. from Norm | Langitude by Blumometer from P. M. obstination of knots tenths per hour, setting to the

Current during the time, Error of the Compass by Azimuth O observed at 70, On, ship's head \$01/204 Deviation of the Compass by Azimuth O observed at .. , ship's head (Error of the Compass by Azimuth O observed at 4, Pm, ship's head Deviation of the Compass by Azimuth o observed at 4.45 Oh, ship's head ...

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

75 knots, 6 tenths.

47 018 44 " N. 10 .36 .09 " 24.

47 022 159 " Jb.

47 042 '28" N.

10 034 · 44 " N. 46045118 "N

10 054 , 00 94.

19010101. 1005.04

220 43.04.

1058.94

400 gallons.

variation used, 200 45 19

variation used, 20045,2

200 2500

tons, //20 1bs 132 " 820

																	-	1
	P. M.																	
1	1	5	3	96.5	Pa.	NO.	5	1/2	30.01	62	6,	58	61	l.c.	cum stral	5	N.	+
1	2	5	7	2.2	,		5	1/2	30.03	63	62	58	61	4		6		1
	3	5	3	7.5			4	1/2	30.05	63	64	58	61			5		1
	4	5	0	12.5		NO4. by 94	4.5		30.05							5		L
1	5	4	9	17.4		, ,	4.5		30.08							6		1
		4		21.6		,	4		30.09					,		5		
	7	4	5	261			4		30.11					,		6		
	8	4	1	30.2			4		30.15							5		
	9		3	33.5			4		30.18							5		
	10	3	9	37.4			4		30.20						1	5		
	11						3		30.20							6		
	Mid.		0	43.5			3		30.20							8	-	
1				,,,,,					50.40	6	wb	06	ΨΙ					
1							-											

## Commander E. T. Strong, Obednesday, June 17

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. OM.

Someter name agualls I however to blowdy, passing acin aqualls. Moderate to ciff breeze with fresh equalls from II by the wind on port tack under anothe reflect topocale, angle neefed forward, for topocal staysail man typical and sparker. At 3.15 win ship and steered II. Thork int all neefs and act jet.

Lieutenant On & OK.

From 4 to 8 a. M. Chrody and misty equally with driggling rain first hour, fair reed of watch stiff to freel breeze from A. M. Mraduate sea Barmeter riving. By the wind on starbrand tack under jit for topmach stayeail, forward, form and main topedils main trysail and aparker; at 4.10 ask main and mujur topmach stayeails and at 5, set topgallant sails bounce to be made good 901. Carned out morning orders. Leutyant 20 9. 9.

From 8 a. M. to Meid.

Neather fair and pleasant with fresh to stiff large from N. W. Barometer vieing at 9.30 mentered even at quarters; and discional instruction in seamanchip during first period and exercised regular class during seemed period. Bent the manusal unhaving the tacker and sheets. At 110 clock took in aparker Thip steering a course Flb. Let first die out under deatilling baler.

WBWhiteley Lieutewant Ou S. O.

From Operid to 4 P.M. . Dair and pleasant Fitiff breezes from NO. and NO. by Ch. On course FC. (pc) at 1, set royale and flying jet. Operate D. NORy sea.

Disdale Ensign Qu. S.Ol.

From 4 to 8 S.M.

Fair and pleasant Ourderate large from A Oh by the with stiff herrer in aqualle first part. On concer I the (pc) Pro change in sail. At 5.30 exercises at refing topsails with times ex follows: Resping topsails and fulling light sails 5 muniter. Thaking sail of muniter 25 seconds. Thosewater sea from the 1884. Barmeter nearly

L. m. nomen Eneign Out IX.

From 8 P. M. to Ohid. Clean and pleasant. Mordenate to gentle breg from N. Ch. by Ct. Barometer sixing then steady. Flering a concer 904. under all sail except maintail and expander. At 8.30 act expander. Only at 11.40.

g. S. Jordan, Je J. M. J. M.

Examined and found to be correct.

Roger St. Galt Switnast Ch J. Ch. Navigator

OG of the UNITED STATES Thip Essex.
Making passage from Havr, France to Sistem, Portugal.

A. M. \$2 3 1 3 0 2 2 5 3 2 4 4 3 0 0	0 45.0 5 Hauldin	COURSES STERRED by Standard Compass.	Ji Ch. by Qt.	3 2.3	Heel.		Height in inches.	att'd.	Air. Ba	Air.Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
1 3 0 2 2 5 3 2 4	0 45.0 5 Itaaledin	<b>₹%</b>	St CH. by Q1.				30.21	61	60	57	61	be my se	Cum et	,	-
3 2 4			. /	2.3										60	20
	4			1		1	30.21							5	-
4 3 0				2.3		1/2	30.22	61	60	57	61	. "	cum mint.	4	
				3		2	30.23	61	60	57	61	b.c.m.d.p.		4	
5 2 0	0 .			2		1/2	30.24	61	60	57	61	b.c.m.	cum strak.	4	
6 / 8	8	Por by S.	OH. NOV.	2		1/2	30.25	61	60	57	61		"	5	
7 / 8		9.9°W.	Il. by N.	2		1/2	30.25	61	60	57	61			5	
8 1 5	-	J. ly Q hou.	1	1-2	,	1/2	30.27	61	60	57	61	b.o.	-	6	
9 , 0		Forth		1-2		1	30.26	62	61	58	61			6	
10 / 5				1.2		1	30.27	62	61	58	61			6	
11 / 2		9/26.		1		1	30.27	62	61	58	61	-		4	
Noon. / 3	444			1-2		1	30.29	62	62	58	61	-		4	

7.5. 5 Distance by fra Course and distance made good since preceding noon by observations, \$\int\_{10}^{\circ}\hat{G}\$. Latitude by D. R. Position at Noon: Latitude by D. R.

Latitude by observations of © Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from Now Longitude by Observation 0 Position at 8 P. M. { Latitude by D. R. fem Norm

Longitude by Chumeneter from P. M. observation 0 Current during the time, 0, 25 knots tenths per hour, setting to the \$ 10 ° 94. ( Error of the Compass by Azimuth O observed at 7 Q. 9w , ship's head F. by OH. Deviation of the Compass by Azimuth O observed at ,. , ship's head Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

82 knots, tenths. 46 008 . 50 " N. 11 006 124 " 94. 46 0 02 1 54 " N. 10007 41 "94. 460 13' 12" d. 11 004 24 " 64. 45041'02" N. 10056,06,04

> 200 20 191. variation used, 200 30 .2 1000.6. variation used, o

2/25 tons, 960 lbs. 131 " 2100 "

375 gallons.

			1														Ä
P. M.																	
1	1	8	Hauled in.	9. by 01/201.	Ot. ly N.	1-2	1/2	30.30	63	63	59	62	b.c.	cum uml	3	2	
2	1	8		0	0 .	1.2	11/2	30.30	63	62	58	62			3	1.	
3	1	8	1200	Fly 01.3/4 04.		1-2	1/2	30.3/	62	62	58	62			2		ı
4	2	4	1/.	9.9.9.		2	11/2	30.31	62	62	58	62			2		
5	2	3		991/2 9	Q4. N. Q4.	2	1	30.30	63	62	58	62			4		
6	1	8		901. by 9.		0-1	1	30.32	62.	62	58	62			2		
7	1	2		901:12 8		0-1		30.33	1				0.0.		0		ı
8	1	0		ga. ly &	J. 94.	0-1		30.32					b.c.	cir.	2		ı
9	1	5		901. 1/2 9.	,,	1	1	30 32	62	62	58	62		cum ninel	2		l
10	1	0		901.	,,	- 1		30.33						1/:	2		l
11	1	0				1		30.84						/ .	,		į
Mid.	1	0				1		30.35						1	3	,	l
1000									200	100	-1			1		1	ı

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewce and until 4 a. Cm.	
Gair and pleasant Light passing shows be gentle been from NO. by Os. Ing ownle from NO. Baronite rising aloney the rale sail except manual. at 1. hauled in patent log reading 45.	st how Light to
gentle beeze from NO. by Ob. Dong surl from NO. Barometer rising slowly The	ening course III., under
Tall pail Except manual. Ut 1, hauled in patent log reading 45.	0
19	Luby, Sen.
0.0,	LA 101 don
From 4 to 8 a. On.	defylewaur (W. J. W.
From 4 to 8 W. M. Treather fair and pleasant with light breeze from A & by & riving . Itering a concer first hour, but by the wind me atarband tack duru Philip willing to long owell from A &.	to ON by N. Barometer
neing . Steering a course first hour but by the world on starband tack during	ig remarider of watch
Phys colling to long swell from I. Oh.	
	WBWhitelery
2	Leutenant 9 9 9
From 8 a. On. to Merid.	
tack To change in sail at 9.30 mbletered at quadres and breey from Obly N. B. tack To change in sail at 9.30 mbletered at quadres and during fish period apprentices as follows: 14 Division, gurnery; 2nd Division, enigle dicks, 3rd Division, grunery. During second period brading and instruction, Toward Division, grunery. During second period brading and instructed one Division in segurity of Thom. Blacksmith which again the Ravel Fernice by assent of saguration of substituted Beight clude from the No. On waste Orly surel.	by the wind starboard
lack The change in sail. Ut 9.30 mintered at quarter and during first ferrod	instructed the
communities, commen justicisting Printed Missing Quine During second borns	de morested and
and bodding and instructed on Division in eignals El Trov Blacksmith	was honorably
discharged from the Raval Terrice by reason of expiration of enlistment High	cernie and cir cum.
clouds from the Nid. Moderate Orly, swell.	^
	R. Diodal
	And the second second second second
A. O + . Ca.	Gusign W. F. M.
From Merid. to of P. M. Sounds but who could findly aire to light borry home Or b	. A. Barometer rising
bloody but pleasant. Fight airs to light breey from the alightly. By the simile or starbrand tack under each as in previous watch Early first period at "Arm and Cinay books for cutting out and second period at arg Ornhauled and refelled cylinder of 6 pdrs. Nov. 113 and 114 and 1 pdrs ys and how Not.	reised apprentices
first period at " arm and Curay boats for cutting out and second period at sig	male and hand lead.
Ourhauled and refilled cylinders of 6 pdrs. Mos. 113 and 114. and 1 pdrs ys an	d 79 Long swell
firm NOt.	_
<i>b</i>	
۵.	me nome
<i>d</i> .	Ensign W. G. Ch.
<i>d</i> .	Ensign W. G. Ch.
<i>d</i> .	Ensign W. G. Ch.
<i>d</i> .	Ensign W. G. Ch.
<i>d</i> .	M. Ot. Baiometer riving manusal At 7.30 in sail, reefing
∠	M. Ot. Baiometer riving manusal At 7.30 in sail, reefing
From H to 8 Q. M  Dair and pleasant. Eight aim to light breeze from Ch. 10 Ch. to them falling. Freezing fully and by oh stanboard talk, under all sail eacypt took in major tophnast staysail. At 5.30 earceast at making and taking and furling.  Brow 8 P. M. to Philo.	Groups & F. G. G. W. J. Ob. Baiometer reining manusal At 7 30 in said, exerting J. M. Janaan Ch. J. Ch.
From H to 8 Q. M  Dair and pleasant. Eight aim to light breeze from Ch. 10 Ch. to them falling. Freezing fully and by oh stanboard talk, under all sail eacypt took in major tophnast staysail. At 5.30 earceast at making and taking and furling.  Brow 8 P. M. to Philo.	Groups & F. G. G. W. J. Ob. Baismate reining manusal At 7 30 in said, seefing J. J. January Ch. J. C. C. Sautenant Ch. J. C.
From H to 8 Q. M.  Dair and pleasant. Eight air to light breeze from Ch. W. to them falling. Fleening fully and by on starboard talk, under all sail easyst took in mayon tophuset starysail. At 5.30 earreced at making and taking and fulling.  From 8 Q. M. to Phid.  Colonly. Light air from N. M. Long suill from A. M. Barronet.	Groups & F. M. N. W. Bawrete reing mamoul At 7 30 in sail, resping S. W. Jordan. Lieutenant A. S. M. w neing. Fleuring
From H to 8 Q. M.  Dair and pleasant. Eight air to light breeze from Ch. W. to them falling. Fleening fully and by on starboard talk, under all sail easyst took in mayon tophuset starysail. At 5.30 earreced at making and taking and fulling.  From 8 Q. M. to Phid.  Colonly. Light air from N. M. Long suill from A. M. Barronet.	Groups & F. M. N. W. Bawrete reing mamoul At 7 30 in sail, resping S. W. Jordan. Lieutenant A. S. M. w neing. Fleuring
From H to 8 Q. M.  Dair and pleasant. Eight air to light breeze from Ch. W. to them falling. Fleening fully and by on starboard talk, under all sail easyst took in mayon tophuset starysail. At 5.30 earreced at making and taking and fulling.  From 8 Q. M. to Phid.  Colonly. Light air from N. M. Long suill from A. M. Barronet.	Groups & F. M. N. W. Bawrete reing mamoul At 7 30 in sail, resping S. W. Jordan. Lieutenant A. S. M. w neing. Fleuring
From H to 8 Q. M.  Dair and pleasant. Eight air to light breeze from Ch. W. to them falling. Fleening fully and by on starboard talk, under all sail easyst took in mayon tophuset starysail. At 5.30 earreced at making and taking and fulling.  From 8 Q. M. to Phid.  Colonly. Light air from N. M. Long suill from A. M. Barronet.	Groups & F. M. N. W. Bawrete reing mamoul At 7 30 in sail, resping S. W. Jordan. Lieutenant A. S. M. w neing. Fleuring
From H to 8 Q. M.  Dair and pleasant. Eight air to light breeze from Ch. W. to them falling. Fleening fully and by on starboard talk, under all sail easyst took in mayon tophuset starysail. At 5.30 earreced at making and taking and fulling.  From 8 Q. M. to Phid.  Colonly. Light air from N. M. Long suill from A. M. Barronet.	Groups & F. G. G. W. J. Ob. Baismate reining manusal At 7 30 in said, seefing J. J. January Ch. J. C. C. Sautenant Ch. J. C.
From 4 to 8 Q. M.  Dair and pleasant. Right air to light breze from Ch. 10 th. to them falling. Fleening fully and by on starboard talk, under all sail easily took in mayon tophurst staysail. Ot 5.30 earrocard at making and taking and fulling.  Drow 8 P. M. to Mid.  Colonly. Light air from N. M. Long sull from N. M. Barronets conse 9 th under all easily easily manisail and miggen topmart staysail.  Examined and found to be correct.	Groups & F. M.  N. O. Bavonete reing manusal at 7 30 in eail, reefing  I. J. John Einsteinant D. J. O. w ning. Fleuring  Lientonant D. J. O.
From H to 8 Q. M.  Fair and pleasant. Right air to light breeze from M. N. O. to then falling. Freezeng fully and by on starboard talk, under all said eacept took in margen tophnast staysail. At 5.30 earrored at making and taking and furling.  From 8 P. M. to Mid.  Connec 9 M. to Mid.  Elmdy. Light air from N. M. Long curll from N. M. Baromete connec 9 M. under all eacept mansail and onegon topomast staysail.	Groups & F. M.  N. O. Bavonete reing manusal at 7 30 in eail, reefing  I. J. John Einsteinant D. J. O. w ning. Fleuring  Lientonant D. J. O.

LOG of the United States

Of of the United States Ship Essex. Third Rate, Making spassage from Havn, France to Liston Tortugal.

		1	Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of		lear ibs.	2
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
. M.	18	8	Hauled	for.	A 94.	1-2		1/2	30.36	62	61	58	62	b.c.	cum.	. 3	2
2	1	5				1		1/2	30.36	62	61	58	62			3	
3	1	5				1		1/2	30.37	62	61	58	62			4	
4	1	5			NO1. 6, N.	1		1/2	30.88	62	61	58	62			4	
5	1	0			Sear. Ot.	1			30.39	62	61	58	62		cum atral	5	
6	1	0			1	1			30.41	62	61	58	62			5	
7	1	0				1			80.43	63	62	59	62			5	1
8	0					0-1			30.45							,	
9	0	5			404	0-1			30.45							6	
10	0	5				0-1			30.46	66	65	62	62			6	
11	0	8				1			30,46	66	65	62	62			5	
on.	0	5				0-1			30.48					-		6	
																	B

30. 9 Distan	u by Log		
Course and distance	e made good since preceding noon by observations, \$ 3 * \$\mathcal{Y}_{\text{.}}	35 knots,	
	(Latitude by D. R.	45 . 35	32 "N.
	Longitude by D. R.  Latitude by observations of ⊙	10 0 58	
Position at Noon :	Latitude by observations of O	45037	42 "N.
	Longitude by chronometer from Forenoon Observations of ②	11 001	10 "%.
	Latitude by D.R. fum Now	450 37	50 " N.
Position at 8 A. M.	Latitude by D.R. from None Longitude by Observation 0	450 37	30 "94.
	( Latitude by D. R. from Norm	45 0 30	15" N
Position at 8 P. M.	Longitude by Chronweter from P. M. Observation o	11003	13 " %.
Current during the	Latitude by D. H. from Norm  Longitude by Chernoveter from P. On Observation O  time, /2 knots tents per hour, setting to the N 42° CH.		

| Error of the Compass by Azimuth @ observed at 7 0, 0%, ship's head 99.3/4 04. 21002104. 1002.06. variation used, 200 00 . 94 Deviation of the Compass by Azimuth O observed at - , ship's head (Error of the Compass by Azimuth O observed at 4.03 PM; ship's head \$ 9.494. 21025.94. Deviation of the Compass by Azimuth O observed at ", ship's head 1025.94. variation used, 20000

131 "2100 "

425 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours,

1700 Water remaining on hand fit for use at Noon, tons, \_\_\_ lbs. Coal consumed during the preceding 24 hours,

P. M.	13							1		100					
1	0	5	Hauled in	994.	104.6,04.	0-/	30.48	66	65	62	62	b.c.	cum.	8	S.
2	0	5				0-1	30.49	68	70	65	62			6	1.
3	0	5				0-1	30.48	70	70	65	62		-	6	
4	0	5				0-1	30.48	71	77	70	62			7	
5	1	4	-			1	36.50	69	76	67	64			7	
6	1	2			194.	1	30.50	68	73	67	64		1.	8	
7	1	4				1	30.53	68	69	64	64			7	1.
8	,	4			1.101.	1	30.54	66	67	63	64		-	6	
9	1	2			106.	1-2	30.55	66	67	63	64	b.c.w.	eir.cum	6	
10	1	5				1-2	30.55						1/	7	
11	1	5				1-2	30.56						K.	6	
Mid.	1	4				1-2	30.56	66	64	61	64			5	

Coal remaining on hand at Noon,

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Will thinels ey Lieutenant On J. On.

From 4 to 8 a. M. .

Dair and pleasant Light aris from 1. N. M. On come ICh (pc.), but barely stewageway.

At 4.30 took in flying jet and spouker and main topmast straysail and at 6., the main tryshil dong N. Oty. swell. Ond sunner Darometer rising.

RALicatele.

Garage D. I. I. Ch. Tiodale Ensign Ol S. 91

From 8 a. On. to Merid. Fair and pleasant. Calm to light N 9thy air Barometer riving On connect Flh., under all equal éail to royale and jil and for topmant stayeail. Bad qualter for inspection at q.30 and at q.38 counded to General Quarters. All Dinames algorited ready in 3 minutes and 12 accorder Al q.52 pounded to General Quarter again: All Dinames reported ready in 2 minutes and 27 accorder. Feemed at 10.36. Exercised eignal class. Every purell from NO.

L. n. Kamee Ensign Q. S. D.

From Meid to 4 9.9%. Cleav and pleasant. Calm and light and from NOh by the Barmeter steady. Long surll from NOh Beading & the ender same pail as in persons watch General gang at with on both Diegge - Tehnder, Nor 131 and 132, 6 Pdrs. recoil cylinder on hauling and refilling Carrened both untiles at gymnatice. Re entited this date, on this orsel, for a period of there(3) years, in the Oh I. Charl Sevine, Edurad James Den, Blackemith.

Judoran Lieutenant 91. La.

From 4 to 8 9.9%. Clear and pleasant Fight ain few I'd and O'd. Eng sull from NO. Itering course FO. under all equar sail (early maineal) jit and for topmast stanfall at 5.15 had fin qualities. Their ordered in accordance with remuneration of braid of surely three half brails flow 294 lk, 1 bbl. rice 200 lbs, and tue cases homey, 100 lbs.

Suite aut Q. J. O. From 8 P. On to Orid.

Cheather clear and pleasant Light air to beyo from A. ON. Barometer strady. Long owell from All Steering a course. WBWhitelary Ch. & Ch.

Examined and found to be correct.

Program Alfack Son Savigator

LOG of the United States Ship Essex. Third Rate, Making passage from Haver, France to Lisbon Portugal

	1	1	Reading		WIND.				BAROMI	TER.	TEM	PERAT	TURE.			lear hs.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clean Sky, in 10ths.	Stateofthe
A. M.	13	0	Hanledin	Peu.	1604.	,			30.54	66	64	61	64	b.c.	cum atial	8	2
2	1	0				1			30.54	65	64	61	64			8	
3	0	5				0-1			30.53	64	64	61	63			7	
	0	5				0-1			30.53	64	63	61	63			4	I
5	a	5			MOthers.	0-1			30.55	64	63	61	63		cum.	5	I
0	2	3				2			30.56	64	63	61	63			5	I
7	2	3	45.2		. North	2			30.57	64	63	62	63			5	1
	1	8	46.5			2			30.55						cireum	10.00	ı
9			47.2		J.N.6.	2			30.55							7	1
10			48.1	£ \$ 9%.		2			30.55				1			1	1
	2		49.8			2			30.54							7	1
11 loon.			52.0		16.	2			30.54			1				7	-
													1		10	130	
-	1 1	11	d .+	0 0		STORY DE		THE PERSON NAMED IN	City of the last	-	-	-	- CONCE		-		

Course and distance made good since preceding noon by observations, & 172 94.

Latitude by D. R. Longitude by D. R. Position at Noon : { Latitude by observations of O

Position at 8 A. M. { Latitude by D. R. Jum Jem Longitude by Observation 3

Longitude by chronometer from Forenoon Observations of O

Latitude by D. R. from None Longitude by Chronometer from O. M. observation o

Current during the time, 1/8 knots tenths per hour, setting to the \$\mathcal{N}\$ /9 294. Error of the Compass by Azimuth O observed at 7.44 Q.M., ship's head \$04.

Deviation of the Compass by Azimuth O observed at " , ship's head Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

30 knots, tenths.

45 . 08, 05 . N. 11 . 12 , 10 , 94. 45 . 11 , 05 .. N.

11 .13 , 42,04. 45 . 16 . 48 " N.

11 .09 .36 " 94. 44 0 44 , 07 " N 11 012 , 19 " 04.

210 22,04.

1022.04. variation used, 20 00 00

variation used, Q 400 gallons.

1300

tons, 640 lbs. 131 .1460

P. M.														
	3	0	54.5	9. 9 W.	J/€.	2	30.54 6	7 6	8 64	64	b.c.	cir.cum	6	3
2	3	0	57.8			2	30.54 6		1.				5	
3	i	9	57.8	Fly" a. 1204.		3	30.54 6						6	
			62.9	"		3	30.63 6	56	9 63	- 64				
5	3	3	66.2		&.46.	3	30.52 6	4 6	8 6	464		-	6	
6	3	1	69.3			3	30.51 6	4 6	08 6	1 64	6	etral.	5	
7	4	0	73.3			3.4 1	30.51 6	4 6	56	2 64			5	
8	4	5	77.8			4	30.47 6	46	46	64	4		4	
			82.5		6. ly N.	4	30.47 6	04 6	4 6	63		1	4	
10	5	1	87.6		O u	4	30.46 6	046	3 6	63	b.c.w	1.	4	L.
11	5	2	92.8			4	30.45 6	4 6	3 60	63			5	
Mid.	5	8	98.6			4	30.446	46	3 60	63			5	
-			13.00											

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until & a.M.

Clear to cloudy last how; damp Light airs from N. 9t. and calm.

On course Fl. (pc.) but backy sternage way. Onothe set at 12.20 Long N. Hy swill This under jet for topmach staysail and equal pail to royals except manusall Rh. Viodale

Ousign (U. IN)

From 1 to 8 a. On.

Cloudy to alear and pleasant balon and light air from No by to to light brey from Sorth. Barometer riving. On course & A. at 6.30 art flying jil, main and muzin topmast stayuals. Tal our patent log at 7° cloud, reading 45.2. Long Noby, swell.

L. M. Meren. L. m º name

Gueign Qu 3 PM

From 8 a. On. to Oneid.

Clean and pleasant Flight beey from A NE to NE. Barometer steady, then falling very alway Long NOrly, early Fleering PH. under all early encept mainsail main trysail and epauler. At 9.00 by order of Commanding Officer changed course to 9.94. took in all from and aft sail early for trymast staysail. 16. Mainda, (B. R. b.), regerted his term of enlictment as having eagered. Cleaning ship.

Leutenant 96.9.9.

From Pherid. to 4 P.M. .

Clear and pleasant. Tight to quetle breeze from N.E. Franch see. Barrete fell elightly back how. France grove I. Il. until 2.25 when changed to I by the Gender for toperact stay and all aqueen bail, eacept manimil at frin. At 12.40 set all for and aft sail eacept migrou toperact stay with the arms to the sail eacept migrou toperact stay with the sail eacept migrou toperact stay with the sail eace should be such the sail and firm the Change From the Ph. I. S. Even.

Levitahant M. J. Or.

Own 4 to 8 P.M.

Cheatler fair and pleasant, with gentle to moderate breze from E. N.G. Bacometer falling. Freezing a concer. Will Whitelary Lintenanter 400

From 8 P. On. to Orid.

Dair and pleasant damp. Moderate breeze from & by th. On course I by th. to th.

(p.c.) At 11.40 eighted as earling crescle green hight on york bran distant about 3 miles oriell standing to I I of the . Light A Edy. ear and surth. To change in earl. Rationale

Energy Q. J. O.

Player H. Galt Server

LOG of the UNITED STATES Thip Essea. Third Rate, Making passage from Havn, France to Liston, Portugal

			0 4	0 0					-			_				200	
	1	1-	Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of		lear ths.	3
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the
A. M.	48	1	5.0	f. by 01/201	E. ly N	5			30.43	63	63	60	63	b.c.w.	Cum mint	4	On.
2	6	4	11.4	1	1	5			30.41	63	63	60	63			4	
3	7	0	18.4			56			30.39	63	62	59	63			4	
1	7	5	25.9		6.J.6.	5.6			30.39	63	62	59	63		· cir.	4	
5	7	8	33.7			5-6			30.36	62	62	60	63	b.c.	cum etias	5	
6	8	2	41.9			6			30.36	62	62	60	63			5	
7	8	3	50.2			6			30.35	62	62	60	63			5	
8	8	6	58.8		-	7			30.35	63	62	60	62			5	-
9	8	3	67.1			6.7			30.3/	64	63	60	62			5	enc
10	8	7	75.8	Footh		7			30,31	64	63	60	62			5	
11	8	6	84.4			7			30.29	63	62	60	62		-	4	
Noon.	9	2	90.6		46. ly 6.	7			30.28	63	62	160	62	-		4	
									1			1					-

1437 Distance	by Sog.				
Course and distance	e made good since preceding noon by obse	rvations, \$4.6.	144 knots,	enths,	
	Latitude by D. R.		42 0 53 1	3 "A.	
Desiries et Mana	Longitude by D, R.		10 0 48 1 12		
Position at Noon:	Latitude by observations of O		42 0 47 ' 3	6 " N.	
	Longitude by chronometer from Forenoe	on Observations of O	10 0 58 1 4	9" 04.	
Desiries at 8 A M	Latitude by D. R. from Som  Longitude by Observation 0		43 028'	8" N.	
Position at 8 A. M.	Longitude by Observation 0		11 0 14 '01		
Desition at 8 D M	Latitude by D. R. fum Nom  Longitude by Chronometer fum C. g  time, 0.37 knots tenths per hou		41 0 42' 1.		
Position at 8 P. M.	Longitude by Chronometer from C.	M. Observation o	1002914	4"94.	
Current during the	time, 0.37 knots tenths per hou	r, setting to the Fly	01.1/2 01.		
SError of the Compa	ass by Azimuth O observed at 7.2709% s	hip's head F. by 90.	1204. 19054 9	t	
	ompass by Azimuth O observed at	, ship's head "	0 0 54 0	variation used,	90000
SError of the Compa	ass by Azimuth ⊙ observed at , s	hip's head	0 ,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 ,	variation used,	0 ,
Water expended du	aring the preceding 24 hours,		400	gallons.	
Water	during the preceding 24 he	ours,		"	
Water remaining o	n hand fit for use at Noon,		900	"	
Coal consumed dur	ing the preceding 24 hours,		tons, —	1bs.	
Coal remaining on	hand at Noon,		131 " 1460	"	

P. M.															
1	8	4	2.0	In the	NE.	7	30 26	64	64	61	62	b.o.m.	cir.	4	R
2	8	4	10.4			7	30.25				1			4	
3	8	5	18.9			7	30.23	64	64	61	62			3	
4	8	9	29.8			7	30.22	64	64	61	62			3	
5	9	0	36.8		No. ly N.	8	30.19	64	64	61	62			4	"
6	9	0	45.8		1.16.	8	30.19	64	64	61	62			3	1.
7	8	6	45.8			8	30.18	64	63	61	62			2	
8	8	4	62.8			8	30.16	64	63	61	62	0.c.m.w		0	
9	8	0	70.8	,		8	30.16	64	63	61	62	b.c.m.w		2	
	7		78.4			8	30.16	64	63	61	62	b.c.	1	6	
11			86.0		Nha	7-8	30.15	64	63	62	62		(.	4	
Mid.	7	1	93.1	-	0	7	30.14	64	63	62	63			5	-

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a. M Baroneter falling frish half and steady last half. On conver I by Ot 12 Ot. under all eace pt manifest Own cet at 12.47. Onordered era from E. by St. L. n. rame Oh. J. Oh.

Oum of to 8 a. On.

Clear and pleasant. Hiff to fred been from E. N.E. Bavoneter falling Moderate sea from East. Itering a course I by W/2 Dt. under all sail eacyt marrivail. At 6.45 took in expander. By order of Commanding Officer confinid 6. Nr. Reporter (app. 3 l) on quarter deck for two days, from 7, 30 a. On. to ensuing haumocks, on brad and water, Officer, Not obeying order of Petry Officer, and attempting to quarter by a part authority, enfined & D. Canders (app. 3 cb.) for same period, and same anditions, Officer myardent to married to the order of the orde to master at almo, and threatening him.

Lewtenant Q. J. O.

From 8 a. On to Cherid.

Pair to cloudy, pleasant wrather Fresh been from E. N.E. and N. E. by E.

Chrodenate long sea. Barometer falling. Itsering conser I by Or 12 %. with q when changed to South, patent by reading 67.1. Oludes all sail eaceft manifer rand spanker at first at 8.45 took in royals and flying jit. At 9.10 took in main topmast staysail, and hauled daw for topmast staysail for reports. At 10.30 jet split set for topmast staysail, hauled daw jit and shifted it. At 11.30 set jit. At 9.30 mustered and inspected even at squaters. Leuterant Q. J. 9.

From Oriend. to 4 P.M.

Cheather fair, freeh breeze to morderate gale from N.E. Barometer falling. at 12.45 took in muzzim topmach staysail. This rolling to rough sea from N.E. Fleering a

WBW hitelsey . S. C. S. C.

Orom 4 to 8 G.OW.

Cludy to micas and damp. Moderate gale from N.E. by N. and N.N.E. On conce South (pc) At 5.45 took in and fuled topgallant sales, at 6; the jit; at 7.20 the main typeal and at 7.40 called all hands and took a single need in the typeals. Miggid in the quarter left brate. Rough sea and early from N.E. to N.N.E. Barometer falling.

Eusign W. J. W.

From 8 P. M. to Mid. blondy and damp. Morderate gale to freel breeze from N. N.E. to N. by E. Barometer falling along. On course Forth. To change in sail . Mongh sea from N. N. E. Bright morelight between clouds.

L. m' name Eusign Q. F. Q.

Examined and found to be correct.

Ragen Steintenant ON & ON Navigation

Coal remaining on hand at Noon,

56 7

variation used,

131 " 820 "

LOG of the UNITED STATES Thip Essex. Third Rate, Making passage from Haver, France, to Liston Portugal.

	1		Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			lear ibe.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balls.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.	99	5 9	100.0	South,	Ju. Ju &.	5.7			30.13	64	63	62	63	b.c.w.	cum numi	Д.	Sa
2	6	6	6.6		JU 6. h, N.	5-6			30.12							4	-
3	7	1	13.7		. 1	4.5			30.13	64	63	62	63			3	
4	7	0	20.7		JE.	4			30.14	64	63	62	63			3	
5	6	7	27.4		J. N. 6.	4			30.13	64	63	62	63	0.c.m.		0	2
6	6	3	33.7			4			30.14	64	63	62	63	b.c.m.	-	2	
7	6	0	39.7		J. ly 6.	4			30.14	64	64	62	63			,	-
8	5		45.1			4			30.20							,	-
9	4	430	50.4	8/201	Sorth	4			30.22	67	65	64	64			2	
10	5	,	55.1			4			30.21	68	67	65	64			2	
11	5	0	60.5		16 8.	4			30.19		67					3	
Noon.	5	0	65.5			4			30.21				65			3	

11.7 Distau	w by dag.				
Course and distance		181 kr	nots,	tenths.	
	(Latitude by D. R.	40	0 03	23 " 1	
	Longitude by D. R.	9	0 56	30 " %	t.
Position at Noon:	Latitude by observations of O	39	050	20 " 1	1 65
	Longitude by chronometer from Forenoon Observations of ©	10	001	07" 0	¥.
	(Latitude by D. R. how Strow			48"	
Position at 8 A. M.	Latitude by D. R. from Strow  Longitude by Observation O	10	004	30 " (9	W.
	(Latitude by D. R. from Nom	39	012	26 "	V
Position at 8 P. M.	Longitude by Chrom ometer from P. M. Observation o	g.	0 44	26 " J	V.
Current during the	Latitude by D. R. from Norm  Longitude by Chron meter from P.M. Observation 5  time L. knots tenths per hour, setting to the \$7.4 ° W	·. '			
	ss by Azimuth ⊙ observed at , ship's head		0 1		
Deviation of the Co	mpass by Azimuth O observed at , ship's head		0 4		variation us

Error of the Compass by Azimuth @ observed at , , ship's head	0 ,
Deviation of the Compass by Azimuth O observed at , ship's head	0 ,
Water expended during the preceding 24 hours,	350 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	550 "
Coal consumed during the preceding 24 hours,	tons, 640 lbs.

															100	
P. M.																
1	4	7	70.2	9 1/2 04.	Jo by €.	4	30.20	70	72	68	65	b.c.m.	cum.	5	L	
2			75.1	,,	0	4	30.19							at		l
3	4	3	79.4			4	30.19	70	72	68	65			4	-	Į
4	84	8	84.2			4	30.18	71	73	69	65		,	3		
5	5	4	89.6			5	30.16	70	71	67	66			2		
6	5	5	95.1			5	30.17							3		l
7	4	8	99.9	,		5	30.19							3	.,	
8	4	5-	4.4			5-	30.18									-
9	2	7	4:4	93/484.		3-4						0.c.m.	cum wind	P		
			13.6		N.NE.	4	30.18									l
			18.1		NE.	4-5	30.17							0		ı
Mid.	4	1	22.2		NE. by N.	4-5	30.16							0		ı
					1			1								

, U. S. Navy, , 1896.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Lieutewant M. F. M.

From 4 to 8 a. M.

Ovicast to clondy Moderate breve from N NE. and N by E. Long sull from N. NE. Barometer norning. Steering course Forth, under for topmach stayshil and all agree sail except manusal. C. Ch. Baywolde app 3 clase, and F. D. Chandler ages sclase, were cafried on the quarter deck on brad and water to seen out the remainder of their princehouse.

From 8 O. On. to Oreid.

Pleather cloudy but polarant with moderate breeze from North to N by E. Barmeter steady. At 8.15 changed emise to IH & At 90 clook, eighted two steamers on year quarter on a tanding to At . and the other to I'd. Righted a sailing oresel on standond love standing to N'd and Ed. At 9.30 mustered crew at quarters, and carriered Director Director during 1st period; Parolle and 1st Director at good greek gue; Lecond at anall arms: and Paid at single sticks. All Director were instructed in seawarship during 2nd greeks. This steering a correct.

From Merids to at Com.

From Merid to 4 P.On.

Fair to cloudy but pleasant. Phodrate breeze from I by & On concer I to Oh (po)

Pho change in sail. Tighted several sailing reselve standing to It Ed. and two standing to It W. with me of which each august colore she flying the Elighish flag. Phodrate I I NEL sea Instructed one division of appendices in segnals and another at compress all applicatives in gymnatics.

Rh. Tio Lale

Gene 8 991. to Mid.

Generally and misty around hongon Moderate to stiff breeze from N by E to NE Baroneter falling slowly. From the sea, with occasional long eville from N'd. Fleering a conse I 12 th. ender topsails and for topmash staysail. at 8.27 by order of Commanding Officer changed concer to I 34 th. at 11.15 cleared draw topsails and hauled on the reef tackles. Severel etamers presed during watch, standing to this and the

J. K. Jordan, Lieutenant Ob. L. M.

Examined and found to be correct.

Ry Leutenant Q & Navigation

LOG of the UNITED STATES Ship Essex. Third Rose Making passage from Havre, France, to Libra Portugal and at auctor off distributed Portugal BAROMETER. TEMPERATURE. COURSES STEERED by Standard Compass. Direction by Standard A. M. 56 NE. by N. 93/494. 30.15 66 65 63 65 1 3 9 0 26.1 O. C. m. cum. with O & 1. 01. by A. 30.16 66 65 63 65 2 1 0 26.7 8 30.5 East 30.16 64 64 63 65 30.17 64 64 63 65 1 4 2 34.7 96. 30.19 64 64 62 65 5 3 2 37.9 3 30.19 64 64 62 65 9.96:126. 3 30.17 66 65 63 65 be 3 30.19 66 6563 65 Vannis 30.18 72 73 69 30.16 74 75 71 30.15 74 75 71 30.17 78 78 74 3 01. 1.04 \$6. 11 2 Noon. East.

72 . 8 Distance by Log.						
Course and distance made go	ood since preceding noon by	observations,	k	nots,	tenths.	
Latitude	e by D. R.			0	"	
Longitu	de by D. R.			0	"	
Position at Noon : Latitude	by observations of ⊙			0	, ,,	
Longitu	de by chronometer from Fo	renoon Observations of ⊙		0	"	
( Latitude	by			0	"	
Position at 8 A. M. Latitude	de by			0	. "	
( Latitude	by			0 1	"	
Position at 8 P. M. Latitude	de by			0 /	"	
Current during the time,	knots tenths per	hour, setting to the				
( Error of the Compass by Azi	muth O observed at	, ship's head		0 /		
Deviation of the Compass by	Azimuth O observed at	, ship's head		0		variation used,
(Error of the Compass by Azi	muth @ observed at -	, ship's head		0 /		
Deviation of the Compass by	Azimuth O observed at	, ship's head		0		variation used,
Water expended during the p	oreceding 24 hours,			401	gallons	
Water distilled	during the preceding	24 hours,		100	, "	
Water remaining on hand fit	for use at Noon,			25	0 "	
Coal consumed during the pr	eceding 24 hours,		4 1	ons, / 2	00 lbs.	

P. M.												
1	Ql. by 9.	6. by A.	2	30	.16	77	77	75	b.c.m.	cir aum	4	
2 Linging to Ell	96. ly 6.	Panable	0-1	30	.15	82	82	75	•	4	2	
3	6.699	"	0-1	30	0.13	80	8/	75			3	-
4	6. Py N.		0-1	3.	0.12	79	80	73		-	3	
5	.0	A. by 6.	2	30	). //	79	79	73	4		3	-
6	313	N. St 21.	3	3	0./3	78	78	73	-	-	6	-
7	31	North	4	3	0.11	77	77	73		cum runil	4	-
8 Flinging to Flore	· N. N. Ol.		4	3	0.15	75	75	68			4	-
9 0 0	Ch. A Ot.	S. J. W.	3	3	0.17	YH.	74	68		cum.		+
10	n'	0	2	3,	0.17	74	74	68	-14		8	+
11		4	2		0.17				. /		8	+
Mid.			2		0.18						6	1
						1					811	1

126" 1860 "

Coal remaining on hand at Noon,

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oncoast and misty. Onroderate been from Nid and Ed. Dong well from Nid. Barometer vering slovely. I termine conver II/16. until 12.45 when bager block Light were sughted braving about 6.46. haveled by the wind on starboard track set sparker and mash headed typhally. Oh 1.53 worn ship and stird in for the land claw haded on the year tack, set jet forward and main trusail. Fighted bayer brew hight again at about 2.50 braving about 6 by I started from in bisters at 6 and Dat 1.50. Commences and until of a. Or J. G. du of, Steenteward On J. 91 Observe fair, bear for bank hanging new land to Nil Bantle to moderate been from N. by E. Bannete steady. At 4.15 tork in friend, retting it again at 4.30, when came to a come of E. Caeled several eterance. At 5.30 how to and coupled people of felling away organic and gring absorb else with enquire. At 5.40 mass not signal B. J. from signal etation in amount which made now mumber Int. 4243.

At 6.10 tork in all said and changed course to 9.48/26. At 70 clock specked up back ranges of Basanic and other in the brastonic course of the said and changed course to 9.48/26. At 70 clock specked up back ranges of Basanic and other in the brastonic course of the said and changed course of the said and change of the said and stork in the Captain coming at end of watch, ship off Cariai under steam alone . Team present 55 lbs. 96 revolutione 42. WBWhiteley Crow & U. M. to Chaid, hazy but pleasant. Moderate buyer to light aire from A by 6 warmelle and from Each and II Beginning of watch standing in on Creace varyer and up Deput bush to accharge. All 8.15 find Patient Salute of 21 gens Octuques flag at main which ealest use ptilling from Bilen Received Relieved of 21 gens Octuques flag at main which ealest all dadds being ship to anchor, and at 9.20 came to with port anchor in 14th fathems of water mount of 30 fathoms. This summer to that tide Latir would to be fathous for chain and received Bearings of anchorage. Establish form I A. M. (mag. Chickent for chain and received Bearings of forward and 16 6 aft. Received with from branding officer of Daniel Man of Mar Degram later one from the Portugues flaggely Carea as Sama. At 10.15 faid selecte of 1 gens Portugues flag at for in how of the Portugues Comerdor, which we attained your for your by some named flagship. Eact an officer to return officers are to the Portugues flagship and sleep to call at the Definition of Summer to Contagel and the Sustant brated she steam largely and received with main and major togonary stangeries and cleaned up for port. Allowed force to the under A while brander and commerced distilling at 90 cleak. Leeitenant Ch. S.M Oran & a. On. to Merid RD. Sindele Guergio a J. It. Dum Merid to 4 4.9% Them Cheud to & S.M. Glady, hay and wours . Light lucy from E. ly S. to calme and light wanted airs. During to ell fil 1.15. a Pringues man of war and the Danich man of war Sugner went to sea. Got ridge ropes on the statch and squad aways. From 4 to 8 G.M. Pair to cloudy. I ruth and moderate been from North at 6, seed down topfellant and royal years and which high sails a Bund to AM left the ship on me weeks leave I same to and look tide at of 30 The Browneding of fair paid official cruite to the Commandant of the Proteguese want Down after and to the Commandair of the Saul arenal.

Ratio Lee Examined and found to be correct. Jum 8 . In to wink

LOG of the UNITED STATES Ship Essex. Third Rate, are anchor in the River Tague off Libra Portugal.

	_						1		00			1			0		130	
				Reading		WIND.				BAROME				TURE.			Clear 10ths.	3
	Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
	A. M.	dus	ign	gtoEH	St Ob.	North	4-5	-		30.18	69	68	63		bem.w.	circum	4	
	2		0	0	ON. 804.	*	3			30.18	69	67	63		11	- 4	6	
	3				6.46.	"	3			30.18	69	67	63				6	
3	4				G. by N.		3			30.16	68	67	63		,,		6	
	5				Edel	It by 6.	3			30.16	60	167	63		b.c.m.	strak	5	
1	6				6. by N.	"	3			30.19	69	67	63		4		6	
	7				,0		3			30.18	70	68	64		.,	,,	5	
	8				V6.	N. St W.	3-4			30.16							6	
	9	Sur	· gu	g to Olme	01.401.	1. Or. by 1.	3			30.16							7	
1	10		0			s. Ira.	3			30.16							1	
1	11						3			30.16	74	75	70				8	
1	Noon.				NO1. Ly 01.		3			30.15					b.m.	none	10	

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 1 11.
Longitude by D. R.	0 , "
Position at Noon: { Latitude by observations of O	0 , "
Longitude by chronometer from Forenoon Observations of ⊙	0 / "
( Latitude by	0 1 11
Position at 8 A. M. { Latitude by Longitude by	0 1 11
( Latitude by	0 , "
Position at 8 P. M. { Latitude by Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
( Error of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
(Error of the Compass by Azimuth @ observed at , ship's head	0 ,
Deviation of the Compass by Azimuth © observed at , ship's head	o , variation used, o
Water expended during the preceding 24 hours,	600 gallons.
Water distilled during the preceding 24 hours,	1075 "
Water remaining on hand fit for use at Noon,	
Coal consumed during the preceding 24 hours.	725 " tons, 640 lbs.
Coal remaining on hand at Noon,	. 125 " 1220 "

J	1.04.	1.16.	3.5	30.14	77	77	69	b.on.	none	10	
mig to	N. NOV.	North	5.6								
2.	NG. by Jr.	,	5-6			•	,				
	East		5.7								
	6. by N.										
			and the second								
						/					
ig to flord.	South	JE.	3.4					b.a.m.w.	cir	8	
	401.		3.4								
	04.104.		3.4	1							
	NOU.		3-5								
	nig to	East E by N. East N. E.  g to flow. Joth JO. OLNO.	ing to N. N. W. North  1. N. E. L. VI.  Eash  E. Ly N.  Eash  N. E.  V. E.  Ly St.  Ly	ing to N. N. W. North 5.6  1. N. E. L. Nr. 5.4  Eash 5.7  E. L. Nr. 6.7  Eash 6.7  N. E. 6.7  N. E. 6.7  N. E. 3.4  N. N. E. 3.4  N. N. E. 3.4  N. N. E. 3.4	ing to N.N.N. North 5.6 30.13  1. N.S. b. vi	ing to N. No. North 5.6 30.13 78  1. No. 12 11	ing to N. No. North 5.6 30.13 78 78 78 78 78 78 78 78 78 78 78 79 79 79 6ach . 5.7 30.11 77 76 6.7 30.12 79 79 6ach . 6.7 30.13 74 74 74 No 6.7 30.15 70 70 69 69 69 69 69 69 69 69 69 69 69 69 69	ing to N. No. North 5.6 30.13 78 78 69  1. No. 12 17 5.6 30.12 79 79 70  5.6 1 5.7 30.11 77 76 67  5.6 1 5.7 30.13 74 74 67  6 24 67 30.13 74 74 67  No. 6.7 30.15 70 70 65  4.6 30.16 70 69 65  40. N. No. 3.4 30.20 69 69 65  81. No. 64 69 65	ing to N. Nov. North 5.6 30.13 78 78 69  No. 12 17 5.6 30.12 79 79 70  South 5.7 30.11 77 76 67  E by N. 6.7 30.12 77 76 67 6  Superior of the state of the st	ing to N. No. North 5.6 30.13 78 78 69  1. S.6 30.12 79 79 70  5.6 30.12 79 79 70  5.1 30.11 77 76 67  6.14 5.7 30.12 77 76 67 6  6.7 30.13 74 74 67  No. 5.4 30.16 70 69 65 6  1. J. S. J. 30.19 70 69 65 6  1. J. No. J. No. 3.4 30.20 69 69 65 6  1. J. No. 3.4 30.20 69 69 65 6  1. J. No. 3.4 30.20 69 69 65 6  1. J. No. 3.4 30.20 69 69 65 6  1. J. No. 3.4 30.20 69 69 65 6  1. J. No. 3.4 30.20 69 69 65 6  1. J. No. 3.4 30.20 69 69 65 6	ing to N. N. N. North S. 6 30.13 78 78 69 10  Soil S. 10 1 5. 6 30.12 79 79 70 10  Soil Soil S. 7 30.11 77 76 67 10  Soil Soil S. 7 30.13 74 74 67 10  N. S. 6 5 69 N. 6.7 30.13 74 74 67 10  N. S. 6 6.7 30.15 70 70 65 6 mag. cum start 8  4 6 30.16 70 69 65 6 mag. cum start 8  4 50.19 70 69 65 6 mag. cum start 8  N. N. N. S. 4 30.20 69 69 65 6 mag. cum start 10  N. N. N. N. S. 4 30.20 69 69 65 6 mag. cm. 10

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and with 4 a.M. Pleasant wrather hazy around horizon Heavy dew Gritle to stiff herey from North. Bar meter steady; their falling Riding to flood until 1.15 to all watch Iting all current.

Dione H to 8 a. M. Glear and pleasant. Gentle breeze from N by E to N. M. by N. at 7.40 crossed topgallant yarde. Engaged in painting ship opticide Research in Dept. of Tupplier and accounts following fresh permissions for seem to crew 107/2 lbs beef, 107/2 lbs regetables, 05 lbs brads. Est tide

From & a. On to Movid.

Clear and pleasant. Gentle brey from NOH. by N. to N. No. Fteady barometer.

Dimithed painting skip metide. Onestruck at quarters at q so and inspected brogs. To absenters.

Burning to flood at 8.45. Distilling.

L. M. name Eusign Ch. S. Ch.

From Phenol to 4098.

Pleasant and hazy Gentle to very freek breeze from N. 16. to North.

Barometer falling Riding to flood until 2.30 to let after 3.30 Received an official view from a Portuguese Commanday representing the Portuguese admiral afters and Commandant of Ray Yard me show, returning official view of Commanding Officer.

Lieutewant Q. S. O.

Oum 4 to 8 P. M.

Clear and pleasant Fresh breeze from North, minasing in free in equally and moderating near end of watch to moderate bruy. Barometer nicing till lack from Feel down topgalland yands at 5.50. Toad quarters at 90 lock and seems at hammocks. Such steam launch in whom to seems for the night. Distilling.

From 8 P. M. to Mid.

Clear michead hay around horizon heavy dew. Gentle heer with moderate to stiff aqualle from North to No. 18 armeter steady. Gunging between unid and current first how of watch, aiding to flood rest of watch.

J. M. Jordan, Lieutenant Q. J. Dr.

Examined and found to be correct.

Roger St. Salt OV. 3 91. Novigoron

LOG of the UNITED STATES Thip Essex Third Rate, at anchor in the Owir Tagus off Sister Portugal.

_	-	-				<u>u</u>	-	00	-	-	,					MIN	1000
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	lear ths.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Ballb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M				Oh. A. Oh.	J.NE.	3.5			30.19	67	66	63		b.c.m.g.	eir.eum	8	
2						2-4			30.19	67	66	63	122			7	
3	Lun	wou	g to EH	Fei.		3-5			30.18							6	
4		0	1	JOH.	South	4-6			30.18	67	66	63				6	
5				East		5			30.20					f.c.m.		5	
6				. 6. by 1.		4-5			30.20							5	
7						4-6		1	30.20	68	68	65		b.c.q.m.		5	
8				6.48.		5.7			30.20						strak	5	
9				N. N. Ot.		4-6			30.20							5	
10				10.		4.6			30.21							5	
11						5.6			30.2/	1	11					5	
Noon.						6.7			80.17							6-	
					,				1000								

Course and distant	ee made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	0	, , ,,		
	Longitude by D. R.	•	, ,,		
Position at Noon:	Latitude by observations of ②	0	, ,,		
	Longitude by chronometer from Forenoon Observations of O	•	, "		
	( Latitude by	0	, ,,		
Position at 8 A. M.	Longitude by	•	, ,		
	( Latitude by	0	, ,		
Position at 8 P. M.	Longitude by	•	, "		
Current during the	time, knots tenths per hour, setting to the				
(Error of the Compa	ass by Azimuth O observed at , ship's head	•	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0
Water expended du	aring the preceding 24 hours,	70	O gallons.		
Water distill	ed during the preceding 24 hours,	102			
Water remaining o	n hand fit for use at Noon,	105	0 "		
Coal consumed dur	ing the preceding 24 hours,	/ tons, 12	80 lbs.		
Coal remaining on	hand at Noon,	120 21			

P. M.												
1	Flord	MOH.ly A.	North	6.7	30.17	73	72	65	b.c.m.g.	cir. cum.	7	4
2				4.7	30.15							П
3		NOW by N.		6-7	30.15							
4	£66	. 0		5.7	30.15				4		7	
5		East		5.7	30.15						7	4
6				5.7	30.15				h			4
7				5.7	30.15						5	П
8		98. ly 8.		3.7	30.15							Д
9	Sungue to Hora	6. W.B.		3.5	30.16						5	4
10	Jumging to Oland	401. by N.		3.6	30.16						4	4
11		Ch. N 64.		3.5	30.15						+	4
Mid.				3-4	30.14				b.c.m.	com unit	3	4
						'						1

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. 9h.

Clear and spleasunt equally bright mornlight Sentle to fresh been from St. N. 6. and North Basemeter falling cloudy Riding to flood tide frish half then to eth.

Sentence of the Sentence of th

From 4 to 8 a. Ch.

Bagy and pleasant. Moderate to stiff Nely breezest to freely breezes in equalle.

Steady baroneter. Scrubbon hammocks. Account in Dept. Supplies and accounts freely permission as follows: 107/2 lbs each of buf and origitables and 86 lbs. brad. Distilling.

Aiding to elb tide. L.M. name

Ensign Ou S. M. Fun 8 a. M. to Moud.

Pleasant, hazy around the hongon Moderate to freel breeze with fuch to very fuch squaller from North Baronter rung them falling. At 9.40 mustured at greater at 10.30 exercised at unding up and down toppfallant yards. In U. S. Cincul, and Chaigé d'Affaire in absence of the S. muster came on brand On bearing fried a salute of 11 guns with U. S. Eurege at the for At 11.40 week to quarter and thend we combbed lammore.

Jersondan, Lieutewant U.S.M.

bleav and pleasant, hazy one land and wir . Figurally Moderate hery minaring to very feel hery in frequent fuffy from North Baronte falling, closely Redling to flow with 330 when est commenced to sun, admig between wind and tide need of watch Engaged braking at the hold. From Merid to 4 P.On. J. Lutinant On S. Dr.

From H to 8 9 M. Clear and pleasant. Gentle to stiff breeze with fresh equally from North. Barometer steady brew at work breaking ont and cleaning hold.

Grentenant Q. J. Ok.

From 8 9.90. to Mid. Sentle to fresh been from North. Baroneter falling clowly. Elt tide until 9.30 when suring to flood. Sent etiam launch to the areas for the sight.

L. L. L. L. Leetenant Cl. 3 Cl.

Examined and found to be correct,

Roger H.Galt .. Warrigator

LOG of the UNITED STATES Thip Essex Third Rate, anchor in the awir Tagus, off Liston Portugal.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		Clear 10ths.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther. att'd.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C 8ky, in 10	Stateofthe
A. M.			Flerd	NO1. by O1.	Sorth	3-5			30.11	67	66	63		b.c.m.g	cir ou	.5	
2				, ,		3-4			30.10					b.c.m.	-	4	
3				Chest		3.4			30.09					b.c.		8	
4	Sun	ging	也面外	86. ly 9.		.3			30.08							8	
5		0	Ell.	6.ld 4.		4-6			30.07					b.c.g.on.		7	
6						4-6			30.07							*	
7				East		35			30.07	200						8	
8						3-5			30.09	1000			-		1	8	
9						4			30.09					b.c.m.		8	
10	Lun	igui	g to flood		East	3			30.08							8	
11		0		Q1. NO1.		3			30.07					b.m.	none	10	
Noon.						3			30.08							10	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.		
	Latitude by D. R.	0	, "		
	Longitude by D. R.	.0	, "		
Position at Noon:	Latitude by observations of ⊙	•	, ,		
	Longitude by chronometer from Forenoon Observations of O	•	, ,		
	( Latitude by	0	, ,		
Position at 8 A. M.	Longitude by	0	, "		
	( Latitude by	0			
Position at 8 P. M.	Longitude by	•	, "		
Current during the	time, knots tenths per hour, setting to the				
(Error of the Compa	ass by Azimuth O observed at , ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0		variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	o.	,		
Deviation of the Co	ompass by Azimuth O observed at , ship's head			variation used,	0
Water expended du	aring the preceding 24 hours,	4.	50 gallon	s.	
Water distill	during the preceding 24 hours,	10	50 "		
	n hand fit for use at Noon,	16	060 "		
Coal consumed dur	ing the preceding 24 hours,	2 tons,	· lbs.		
Coal remaining on	hand at Noon	121" 2	180 "		

P. M.									
1	Ch. NO.	East	3	30.06 7	7 76	69	b.c.m.	cur. ctra	6
2	NO4. by 84.	N.NE.	4	30.05 7					
3	Jol.		4	30.04 7					6
3 Surriging to	NOL. ly N.		5.6	20.04 7			b.c.m.g.		7
5	6. ly 1.		5.6	30.03 7					8
6			5-6	30.05 7					8
7			5.7	30.05 7					4
8	East	Storth	5.7	30.067					7
9 _0			5-6	30.10 7					8
9 Suniging to	Flori		5-6	30.10 7				-	8
11	N.N.W.		4-5	30.10 7			f.	none	10
Mid.	10 ly 94.		2	30.10 7			. (		10
					-				-

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewer and until # a. M. Cheather fair Gentle to stiff brey in equally from North Distilling at 3.30 enemy to ebb tide. Willhiteley WBWhiteley Leutewart & S. M.

Dum 4 to 8 a. On.

Cleasant wather, have around hours. Overduate to gentle been with fresh to stiff equally from North. Darmeter steady, then using. Riding to let current. Engaged in as. strong for hold. Received on brand in Tripplies and accounts 107 /2 lbs each of fresh hef and orginates, and 86 lbs brad.

J. S. Jordan, Lieutenant Ol. & M

From 8 a. One to Oneid.
Clear and pleasant. Products to gettle been from North at fait slifting to Each at about 10. Barometer steady. Riding to abl tide first half, swing to flood about 10. Drivished stowing the hold, cleaned upper decks. Paid monthly money to starband watch of apprentices. Commanding Officer prid of feval with to the Chalge d'affaire of the Wit.

From Mends to 4 P.ON.

Obserted clear moderate to fresh bery in squall from East to N. N. E. Barometer falling. Sent library party of apparation askon. At 3.30 ship aronging to elb tide.

Lewtenant Q. J. R.

From 4 to 8 P.M. Clear and pleasant, equally Fiff to fresh hery from N. N. 5. and North. Ebb tide Baronte vising aloney Librity factly of boy returned. But steam laured to the aresula for the night. La du fintenant Qu. J. M.

From 8 P. M. to Orid .
Weather clear fresh been in equally from North, dropping light toward end of water. at 9.30 evening to floor tide.

WBWhitelsey Lecutewant Qu. S. O.

Examined and found to be correct.

Roy Seutewant & & D. Navigation

LOG of the UNITED STATES Ship Essex. Third Rute, W. anchor in the River Tagus off Liston Portugal.

								- 0	0	430							
			Reading		WIND.				BAROME	TER.				State of	Forms of	Clear 10ths.	-
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
A. M.			Blood	Q1.1.04.	J. NE.	2			30.10	72	70	65		b.c.m.w.	cir.cum	8	
2				Now by Ol.	NE.	3-4			30.10					b.m.g.	none		
3				. 0		4-5			30.10						-	10	
4				J6.		4-5			30.11	72	70	64	1		-	10	
5			EH.	6. by Sr.		4-5			30.13	69	68	61				10	
6				.0		6			30.15	69	68	61		b.m.		10	
7						6			30.16	69	68	61				10	
8						6		1333	30.14						11.	10	
9				6.16.		5.6			30.14	73	72	68		b.c.m.g.	cum.	8	
10				NE. by E.		3		033	30.12	75	79	70				8	
11			Flord	.N. NOW.	N.NE.	3			30.12	74	75	69				8	
Noon.				Ch. NO.		3		-	30.15	74	76	169				6	
				and the same of th				-	1			-				-	

Position at Noon   California	Course and distance	e made good since preceding noon by observations,	knots,		tenths.			
Position at Noon:  Latitude by observations of O Longitude by chronometer from Forenoon Observations of O O O O O O O O O O O O O O O O O O O		Latitude by D. R.	•	,	"			
Latitude by observations of O O O O O O O O O O O O O O O O O O	Darleton of Warn	Longitude by D. R.	•	,	"			
Position at 8 A. M. Statitude by Compass by Azimuth © observed at ship's head Compass by Azimuth © observed at	Position at Noon :	Latitude by observations of O	•	,	"			
Position at 8 A. M.  Longitude by  Position at 8 P. M.  Longitude by  Current during the time. knots tenths per hour, setting to the  Error of the Compass by Azimuth © observed at , ship's head  Deviation of the Compass by Azimuth © observed at , ship's head  Cerror of the Compass by Azimuth © observed at , ship's head  Deviation of the Compass by Azimuth © observed at , ship's head  Cerror of the Compass by Azimuth © observed at , ship's head  Deviation of the Compass by Azimuth © observed at , ship's head  Cerror of the Compass by Azimuth © observed at , ship's head  Mater expended during the preceding 24 hours,  Water remaining on hand fit for use at Noon,  Coal consumed during the preceding 24 hours,		Longitude by chronometer from Forenoon Observations of O	0	,	"			
Position at 8 P. M. Latitude by 0 , "  Carrent during the time, knots tenths per hour, setting to the   Error of the Compass by Azimuth © observed at , ship's head 0 , variation used, 0  Error of the Compass by Azimuth © observed at , ship's head 0 , variation used, 0  Error of the Compass by Azimuth © observed at , ship's head 0 , variation used, 0  Error of the Compass by Azimuth © observed at , ship's head 0 , variation used, 0  Water expended during the preceding 24 hours, 450 gallons.  Water remaining on hand fit for use at Noon, 2000 "  Coal consumed during the preceding 24 hours, /9 20 lbs.		( Latitude by	0	,	"			
Current during the time, knots tenths per hour, setting to the  {Error of the Compass by Azimuth © observed at , ship's head	Position at 8 A. M.	Longitude by	0	,	"			
Current during the time, knots tenths per hour, setting to the  {Error of the Compass by Azimuth © observed at , ship's head	D 111	( Latitude by	0	,	"			
Error of the Compass by Azimuth © observed at ship's head ° variation used, °  Error of the Compass by Azimuth © observed at ship's head ° variation used, °  Error of the Compass by Azimuth © observed at ship's head ° variation used, °  Water advanced during the preceding 24 hours, "H 50 gallons.  Water Advanced use of the Compass by Azimuth © observed at ship's head ° variation used, °  Water Advanced during the preceding 24 hours, "H 50 gallons.  Water remaining on hand fit for use at Noon, 2000 °  Coal consumed during the preceding 24 hours, '1000 °  Coal consumed during the preceding 24 hours, '1000 °  Coal consumed during the preceding 24 hours, '1000 °  Variation used, °  Variation	Position at 8 P. M.	Longitude by	0	,	"			
Deviation of the Compass by Azimuth © observed at ship's head ° variation used, °  Error of the Compass by Azimuth © observed at ship's head ° variation used, °  Deviation of the Compass by Azimuth © observed at ship's head ° variation used, °  Water expended during the preceding 24 hours, 450 gallons.  Water distillar, during the preceding 24 hours, 1/00 "  Water remaining on hand fit for use at Noon, 2000 "  Coal consumed during the preceding 24 hours, 1/000, "  Tons, 1/920 lbs.	Current during the	time, knots tenths per hour, setting to the						
Error of the Compass by Azimuth © observed at ship's head ° variation used, °  Under expended during the preceding 24 hours, Hou	(Error of the Compa	ass by Azimuth O observed at , ship's head	. 0	,				
Deviation of the Compass by Azimuth O observed at ship's head	Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,		variation used,	0	
Water expended during the preceding 24 hours,  Water dutilist, during the preceding 24 hours,  Water remaining on hand fit for use at Noon,  Coal consumed during the preceding 24 hours,  / tons, /920 lbs.	(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	c	,				
Water Autilia during the preceding 24 hours, // 1/00 "  Water remaining on hand fit for use at Noon, 2000 "  Coal consumed during the preceding 24 hours, // 200 lbs.	Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,		variation used,	0	,
Water remaining on hand fit for use at Noon, 2000 "  Coal consumed during the preceding 24 hours, / tons, /920 lbs.	Water expended du	ring the preceding 24 hours,	4.	50	gallons.			
Coal consumed during the preceding 24 hours, /920 lbs.	Water distill	during the preceding 24 hours,	110	0	"			
	Water remaining o	n hand fit for use at Noon,	231	00				
Coal american as book at Vice	Coal consumed dur	ing the preceding 24 hours,	/ tons, /	920	lbs.			
Coar remaining on hand at Noon, /20 " 260 "	Coal remaining on	hand at Noon,	120 " 2	60	"			

P. M.										
1	Flord	Ch. by A.	East	3	30.13 75 76	69	b.c. m.	cir.cum	6	
2		OL. NOL.		3	30.11 76 79				10000	i
3		J. Ct.	North	5	30.11 76 77					ı
4		NO4. by N.		6	30.10 76 76					
5	Guriging to Est	North		6	30.09 76 76					
6	0 0	16. by A.		6	30.09 76 76					1
7		8. ly 4.		6	30.12 72 72		b.m.	none		1
8		.0		6	30.13 71 70					1
9				5	30.16 71 70					ı
10		6.46.	Quanable	1-2	30.16 71 70		-	139/3		l
11	Sunging to Flert.	J.NE.		0-1	30.16 71 69			1.		İ
Mid.	Sunging to Flore.	Q. J. Q.		1-2	30.16 71 69				10	-
-										1

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewced and until 4 a. On. Clear to cloudless. Light N. N. Ely and moderate to stiff begge in equally from N. E. Riding to flood tide until 4 blue suring to the ell. Distilling.

as Sine de Ensign Qu. S.O.

Ounv 4 to 8 a. Cm

blear hazy our land, pleasant. Moderate to fresh breey from NE Ell tide. Executed morning order Elblan ages 20. returned from librity 14 hour meeting with returned Received in Sigh of Supplies and Accounts 371/2 lb. Just beef. By order of Commanding Officer M. a. Bell Cap 3 cl. was confined on the quarter deed for fin days on brad and water from all hands to hanworks; Office Refusing to obey the order of a Petty Officer. By the same authority I. B. Rambo, app. 3 cl. was placed on the quarter deed for from house on brand and water from all hands to hammore of officer. Parcitlest oroganise of the rules of the ship, using tolores. South of Son

From 8 a. On to Openid.

Or eather clear and pleasant Tiff dropping to guille been from N. E. to N. N. C. Barometri ateady. At 10 o clear consent toggathen yards. J. F. Kalmund. app 3 clear was absent without lean. Received in Dept. of Buyghier and accounts 107/2 lbs rightster and 86 lbs brad. At 10.30 survey to flood tide. Distilling.

From Phecid to 4 P. M. Clear but hazy Sentle Easterly and NELy breezes to cliff and feel breezes from North Flord tide until end of water when began to suning to want Level liberty party of appendices ashow.

A Linds

Ensign Q. J. M. From 4 to 8 P.M. Obeather clear with fresh breze in equalls from North. Barometer ning. Shrift party of apparatives returned with exception of J. Camony & J. Baron N. Staw and M. Reynolds. J. D. Francisco, attitude to the ship 24 hours oritime. They induing between unid and ell tide. Distilling.

Walkinglessy
Truitement O. S.O.

Livitement O. S.O.

Livitement O. S.O. Devitewant U.S.A.

From 8 P. M. to Mid.

Cladlese brantiful wather. Bright workight after 9.30. Stiff Northerly heezes first how to calme and light variable airs and breezes Firing to flore at 11 Distilling. QD. Sistale

Eusign QL. S. M.

Examined and found to be correct.

Roger A. Galt

LOG of the UNITED STATES Ship Essea. Phid Rate, are anchor in the awar Tagus off Liston Gottugal.

-	-				4	-	00			-		-	4			
		Reading		WIND.				BAROME	TER.				State of	Formere	lear the.	8
Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C	Stateofthe
		Olard	Ql. J. Ql.	Calm	0			30.17	71	68	65		b.m.	nne	10	
					0						100000				10	
				6.18.	1			30.17	70	67	63				10	
	-		NOt.		3								b.c.m.	cum.	9	
		EH.	East.		3										9	
			E. ly N.		3-4			30.22	70	70	62				9	
			0		5										120	
					5										1000	
					4										8	
			6.46.		4										8	
Lum	gin.	to Olande	J16.		3										9	
	0 0		91. hy N.	•	2								b.m.	none	10	
			of the state of th	The standard Courses STERRED by Standard Courses Sterred Courses Sterred Courses Standard Course Standard Course	Broading Courses STEERED by Standard Compass.  Oloval Ol. N. G	Resulting Property Courses STERRED by Standard Compass.  Direction by Standard Compass.  Direction by Standard Compass.  Direction by Standard Compass.  Direction by Standard Compass.  Standard Compass.  Direction by Standard Compass.  Stand	Resulting Physics COURSES STEERED Direction by Standard Courses Steered Course	Reading and the part of the pa	Reading   COURSES STEERED   WIND.	Resulting Patient Logs.   COURSES STEERED by Standard Compans.   Direction by Standard   \$\frac{1}{2} \frac{1}{2}  Resulting Patient Logs.   Direction by Standard   \$\frac{1}{2} \frac{1}{2} \	Resulting Patent Logs.   Courses steered by Standard Compane.   Direction by Standard   \$\frac{1}{2} \frac{1}{2}	Resulting   COURSES STEERED   WIND.	Reading of the Windows   Reading of the Windows   Reading of the Westland   Reading of the Wes	Reading of the Courses Steered by Standard Courses   WIND.	Reading of the Watter   Courses Steered by Standard Courses   WIND.	

Course and distance	re made good since preceding noon by observations,	knots,	tenths.		
	Latitude by D. R.	0 ,	"		
	Longitude by D. R.	0 ,	"		
Position at Noon:	Latitude by observations of ②	0 ,	"		
	Longitude by chronometer from Forenoon Observations of O	0 ,	"		
	( Latitude by		"		
-Position at 8 A. M.	Longitude by	0 ,	"		
		0 ,	"		
Position at 8 P. M.	Longitude by		"		
Current during the	time, knots tenths per hour, setting to the				
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 1			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0		variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 ,		variation used,	0
Water expended du	aring the preceding 24 hours,	450	gallons.		
Water distil	led during the preceding 24 hours,	1050	"		
	n hand fit for use at Noon,	2900			
Coal consumed dur	ing the preceding 24 hours,	/ tons, 160	lbs.		
Coal remaining on	hand at Noon,	119 " 100	"		

P. M	l.												
1		Alad	NO.	E. N.E.	3	30.20	80	79	68	b.m.	none	10	
2			Ch. Not.		3	30.18 8						10	4
3					3	30.19	82	86	73			10	1
4			Set.	North	5.7	30.16				b.o.m.	cum.	8	
5	0	4 604			5.6	30.17	82	83	70			7	
6	Juning	to Est.	18.		6	30.18						8	1
7			Ely N.		5.6	30.20						7	4
8			Edet.		4.5	30.21						8	4
9			હ. જહ.		4	30.23					cir.cum.	6	4
10					2	30.24						1	
11	-				1	30.25					/.	6	+
Mid	Lume	ging to Aland.	1.191.	Cranable	1-0	30.25				1		9	+

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Clear and pleasant. Calm to light axis to gentle breeze from E. N.E. Steady barometer Bright mornlight Riding to flow. Distilling.

L. M. names
Ensign & S. M.

Dean 4 to 8 a. M. Ocather clear. Gentle to stiff here from E. N. B. Barmeter standy at 5 30 auring to ell tide. Accepted in Depth of Euglilo and accounts 107/2 lbs. bref, 107/2 lbs. engetables and 86 lbs. of borad. At 7.45 houted the colors in company with the Pringues thin of Ovar in port, handing them down at 7.55. Or. a. Bell app. 3cl, and I B. Rambo app. 3cl, we according in according with order as entered in yesterdays bog. A Stan app och entired to the ship 14 hour continue.

From 8 a. On to Merid.

Clear and warm. Moderate and gentle beezer from E. N.E. Floring to flood tide.

at 11.40. At 9.30 had quarters for muster; found & J. Brown, J. Ramay and & Reynolde apportation absent without leave. This and even were unspected by Executive Officer. & J. Brown app sclass, extremed from librity 18 brown mitting. Distilling.

Energy & S. D.

Dum Pheid. to 4 G.M.

Clear and pleasant. I settle breeze from E. NE. backing to North last how and viversing in equally to first breeze Barmeter falling. First libraty potry of men in abor. Dinished distilling at 3.15 and allowed fires to die on! Riding to floor.

Dum 8 G. M. to Mid. Color and phraeant hazy around horizon. Moderate Aly brey gradually decreasing to calm. Commenced arounging to flood at 11.35. Thorn was at 10 school.

L. m. Name & & M. S. M.

Examined and found to be correct.

Ry Helf

LOG of the UNITED STATES Ship Essex. Third Rate, are anchor in the air Tagus off Liston, Portugal.

		37.33			-		00		-	_	-	1000	_				
	1	1	Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear 10ths.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of C 8ky, in 10	Stateofthe
A. M.			Flord	Qu. J. Qu.	Garvable	0-1			30.25	74	71	67		b.c.	cir.eum	8	
2						0-1			30.25	74	71	67		b.	nne	10	
3						0-1			30.25	70	68	65			-	10	
4						0-1			30.26	70	68	65		b.c.	cum strel	1	
5				(H. by 9.		0-1			30.25	70	69	66			stret.	8	
6	Sun	ugu	gto Ell.	Smth	East	2			30.27	70	71	69			cir eum	7	
7		0		E. ly dr.	6.16	2			30.28		1000					7	
8				1.	2 3	2			30.30	74	75	67				8	
9					J6.	2			30.31	77	80	70			1	8	
10						2			30.31	80	88	75				8	
11				166,6.		2			30.29	80	, 86	72		-		8	
Noon.	Lum	· gmg	to delade	North		1			30.31					/ .	-	8	
		0 0										1					
					The same of the sa	-			THE RESERVE								

Course and distance	e made good since preceding noon by observations,	knots,		tenths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of O	0	,	"		
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"		
	( Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
	( Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	•	,	"		
Current during the						
(Error of the Compa	ass by Azimuth O observed at , ship's head	•	,			
}	ompass by Azimuth O observed at , ship's head	0	,		variation used.	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0	,			
Deviation of the Co	ompass by Azimuth © observed at , ship's head	0	,		variation used,	0
Water expended du	aring the preceding 24 hours,	45	0	gallons.		
Water distill		15	0			
Water remaining o	n hand fit for use at Noon,	26	00	"		
	ing the preceding 24 hours,	tons, /		lbs.		
Coal remaining on		118 10	60	"		

						-				
P. M.	Flord	Q1.N. 94.	NE.	2	30.29 83	85	73	b.m.	nne	10
2			N.NE.	2	30.28 81					10
3		Job. ly Ot.		3	30.25 82					10
4		NO.	J.6.	3	30.23 8	1				
5		Now by Ot.	North	4	30.22 8		The state of the state of			
6 Dumi	guig to Ebb	4 by E4.		5.6	30.23 84			b. m.g.		10
7 0	0 0	E. U.E.	J. NE.	5.6	30.24 81					
8		8. by 4.	J. ly 01.	5.7	30.23 80					
9		1	1	5.6	30.25 77			b.o.m.	strat.	
10				5-6	30.25 7			b. m.g.	nne	
11		NE.		4-6	30.25 76				1.	
Mid.	Flore	OL. NO.		3	30.25 76					
						1				

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Clear and pleasant. Calm and light variable airs. Bacometer steady then rising. Riding to flood current. Jer. Jordan. Leutenant M. J. M.

From 4 to 8 a. On.

blear and pleasant. Sentle Ely and E. NELy breeze Firing to elt tide about 6 10. Received in Dept of Supplies and accounts following field provisions for sience to crew, 10712 lbs. bref, 10712 lbs. orgitables and 86 lbs. bread. In accordance with Commanding Officers previous order entered in log, placed or quarter deep or bread and water from hammonly to hammonle. ON Bell and I.B. Rambr. appers 3 class.

From 8 a. M. to Merid.

Clear and warm Fight breeze to high air from the Baroneter nearly study. Head quarters at 9 30, about Rameny J., Reported b. B. App. 3 class. Exercised at Director allell. 1st Director grant gume 2nd Director and the distriction of Director Director grantery instruction. At 10.45 exercised at up and down topygolland yards. Exercised eignal class factored surging to flood at 11.45. L. n. naum

From Precide to 4 9.90.

Clear and pleasant has around housen. Fight to gentle been from NE to A. NE Baronester falling. Engaged in painting chip mind. Found out monthly mency to the much b. B. Reporter and J. Ramsay (appro 3 class), returned on braid 4444 hours continue.

J. L. Jordan. Su & M.

Eusign U.S.M.

From 4 to 8 P.M. Clear and pleasant. Gentle and etiff to first bregge in equalle from North to N. N.E., chifting to N. by M. Started enniging to ell at 5.45. Earnesd at down topogalized yard at 70 clocks. L. m. nome Eneign M. F.M.

From 8 P.M. to Mid. Clear and pleasant, light haze around horizon. Fiff to module heeze with fresh equally from N by 98. Baroneta strady

J. K. Jordan. Leutenant a. L. P.

Ragn H. Galt Secreption Secreption

LOG of the UNITED STATES Thip Essex. Third Rate, Of anchor in the River Tragus toff Liston, Portugal.

					, , , , , , , , , , , , , , , , , , , ,		-		_	-	7		_				
	1		Reading		WIND.				BAROMI	STER.	TEMI	PERAT	URE.	State of	Forms of	lear the	\$
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.			Floria	Ou. 10.	Quarable .				30.25	76	75	71		· b.m.	Mone	10	
2					Calm	0			30.25							10	
3			-		9.86.	0-1			3025	74	73	69			-	10	
4						1			30.25							10	
5					6.86.	0-1			30. 28					b.c.m.	cum stra	, a	
	Sun		a to	OH. FOX.	6.16.	1			30.27	1000	,	1				9	
		1	EH	3.88.		1			30.27							9	
8				East	JUG.	3			30.27		1		1 80	b.m.	none	10	
9				6.18		3			30.27							10	
10				6. ly N		2.3			30.26							10	
11				1		2.3			30.24							10	
Noon.	fle	ack (	Water	E. UE.		2			30.26	84	82	73		-		10	
									1			-	1				100

Course and distance	e made good since preceding noon by observations,	knots,	,	tenths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon :	Latitude by observations of ②	•	,	"		
	Longitude by chronometer from Forenoon Observations of O	•	,	"		
	( Latitude by		,	"		
Position at 8 A. M.	Longitude by	•	,	"		
		0	,	"		
Position at 8 P. M.	Longitude by	0	,	"		
Current during the						
	ass by Azimuth O observed at , ship's head		,			
}	ompass by Azimuth O observed at , ship's head				variation used,	0
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0	,			
1	ompass by Azimuth O observed at , ship's head	. 0	,		variation used,	0
Water expended du	aring the preceding 24 hours,	50	00	gallons.		
Water	during the preceding 24 hours,			"		
Water remaining o	n hand fit for use at Noon,	21	00	"		
Coal consumed dur	ing the preceding 24 hours,	tons, 6	#0	lbs.		
Coal remaining on		118 " 4		"		

Р. М.									
1 Surriging to Flord	Q1. NQ1.	Ch. N. Qu.	2	30. 24 82	80	71	b.m.	none	10
2 0 0			2	30.22 83	81	73			10
3		NOU.	4-5	30.20 86	85	73			10
4	NOU.	N. N. Ot.	4.5	30.20 86	85	72			10
5		North	4-5	30.20 86	84	72			10
6			4.5	30.20 86	83	69		1	10
Furnging to Ebb.	N. N. 84.		4-5	30.20 83	81	68		1	10
8 00	6. NG.		5	30.23 81	79	68			10
9	Gast		4-5	30. 24 78	, , ,				10
10	6. ly N.		3	30.25 78				-	10
11	0		2	30.26 77				V.	10
Mid.	6.16.		1-2	30.26 77				1.	10
				1	,				

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. ON. Clear and pleasant balow and light variable airs Flord tide. Barometer steady. J. J. Luby, Fieutewant O. J. 9. From 4 to 8 0.00.

Colean and pleasant. Eight air from E. N.E. to gentle breeze from N.E.

Steady barometer Received in Dept. of Phyplies and Accounts fresh provision as follows: 107/2

lbs. each of fresh ingitable and 86 lbs. brad. I look tide till 630, furihed aurugung to ebt
at 7.10. Eilety party returned. Lientenant G. J. On. From Meines. to 4 P.M.

Clear and pleasant. Moderate to fresh beeze from Note and Cotal
Barometer falling clowby. Firming to floor tide at about 12.30. That library party on shore.

Levitypher O. J. M. From 4 to 8 P.M. .

Cleasant wrather, hazy around houson Involente to stiff hery from North.

Barrete steady. The Ob. 9. Orimeter to Portugal spaid an official weith to this ship; or leaving first a palite of 15 guns with the Ob. 9. Ensign at the fore. J. N. Jordan. Qu. J. M. . From 8 F. On to Mid. Cheav and pleasant Moderate to stiff heer from North at first falling high last half Barmeter ning along title. Is, Luby Sugar Q. S. ON. Commander Oh S. Oh.

Lommanding.

Examined and found to be correct. Regus September & & & Nangaton

LOG of the UNITED STATES Thip Essex. Third Rate, are anchor in the Owir Tagus off Lisbon Portugal.

-	T	T			WIND.	-			BAROME	TER.	TEMI	PERAT	URE.	0		14,	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	b	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.		mgn	is to Flux	, North	balm	0			30,26	77	72	67		b.m.	none	10	
2		0	1	Ch. by A.		0			30.26							10	
3				CH. West.	West	1-0			30.26	75	71	66				10	
4					Calm	0			30.26	74	70	66				10	
5					J. 91.	0-1			30.24							10	100
6					Calw.	0			30.24		, ,					10	
7	26	il	water	901 h 9		0			30.25	1	1/					10	
8		0		98	East.	0-1			30. 22		/	. /	5			10	
9			Elt	6.96.		0-1			30.21					4.		10	
10				6. hy 9.		0-1			30.21			/				10	
11				1	6. ly 9.	1-2			30.19		1	1				10	
Noon.				E. 18.	1	2			30.19						-	10	
				w. W G.		~			7			/6				10	

Course and distant	ce made good since preceding noon by observations,	knots,	tenths.		
	Latitude by D. R.	•	, ,,		
	Longitude by D. R.	0	, ,,		
Position at Noon:	Longitude by D. R.  Latitude by observations of $\odot$	0	, ,		
	Longitude by chronometer from Forenoon Observations of O	0	, ,,		
	( Latitude by	•	, ,		
Position at 8 A. M.	(Longitude by	•	, ,		
	( Latitude by	0	"		
Position at 8 P. M.	Longitude by	•	"		
Current during the	e time, knots tenths per hour, setting to the				
(Error of the Comp	ass by Azimuth O observed at , ship's head	0	,		
Deviation of the C	ompass by Azimuth O observed at , ship's head			variation used,	0
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0
Water expended d	uring the preceding 24 hours,	500	gallons.		
Water	during the preceding 24 hours,		. "		
Water remaining of	on hand fit for use at Noon,	160	0 "		
Coal consumed du	ring the preceding 24 hours,	tons, /2	80 lbs.		
Coal remaining on	hand at Noon	117 " 13	80 "		

P. M.									
1 Surriging to Flord	Otest	Chest	4	30.18 83	84	75	b. m.	none	10
2 0 0			3	30.17 83	1				10
3	Q1. J. 94.	North	4.5	30.16 83					10
4		N. N. 94.	4	30.14 83					10
5	104.		4	30./3 8		10000			10
6		North	4	30.14 79	0 12000	/		18.60	10
7		"	3	30.14 79					10
8 Sunging to Ell.	A by Ok.	94.194.	4-5	30.15 78					10
9 00	East	North	2	30.18 76					10
10	& .\$B.		2	30.18 74			b. on.w.	Times	10
11		Q. N. 94.	3	30.18 7.4				1	10
Mid.	6. hy	Chest.	4	30.18 72					10
	1				1				

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a M. Or eather clear and pleasant balon to light air from Chul Barmeter steady. At 10 clock suring to flood tide.

Wizukinder

Levitewant O. I. S. Ch.

From 4 to 8 a. C. M. .

Cleasant and hazy balue and light and from NOL and Each Barmete using their falling. Received on brand in Deep of Supplier and accounts 107/2 lbs each of fuel beef and orgetables. By oder of Commanding Officer confined b. O. Reported app 3 cl., on quarter deck on brand and water for fin days from morning to evening hammore of fuel accordance of order. Confined b. On Bull, age, 3 cl., on quarter deck, in accordance with one statud in the log the 27th will at 6.30 confined J. P. Beyet app. 3cl., in single none to await action of Commanding Officer, offere, refused to otry a direct order at 6.40 by order of Commanding Officer, released him from some and placed him under charge of Master at arms.

J. M. Jordan, Trentenant W. J. M.

From 8 a. On. to Merid

Cash and E. by I. Baroneta fell abylety. Ell tide. At 9.30 mustred and inspected at gratine.

Bash and E. by I. Baroneta fell abylety. Ell tide. At 9.30 mustred and inspected at gratine.

At 9.45 called all hands and earnessed up and down eyel and toggellant yards. At 10.45

inspected appreciations clothing. Received in Dept. of Europhless and Recounts 86 lbs. bread. By oder

of the Commanding Officer J. P. Bessel. App 3 class. was empired in the brite deck in single

tions to avail tide by Frummary bout Martial: Officer, inspel disobrding of order.

5. Lieuty on 9 00

From Merid to 4 C.M.

(Heather clean and pleasant, with quette to stiff breeze from Phest to North. Barroneter falling. At 10 clock surring to flood tide. Received in Dept. of Fupplier and accounts, 200 lbs. of offer, and 2 cases of trimed segetable.

Deentenant Ov. I.M.

Oum 4 to 8 P.M.

Clear writeed, hazy me the surr and band. Gettle to stiff brey from A. A. A. of friet, gradually bauling to B. Not. Riding to flood tide friet three hours, awaying to elt last har. Baumeter newly, almily party of apprentices returned. Received in Teph of Papples and Recounts 19 blls flow 4 bbls. sugar 3 cases butter and 1 bag rice. To Lingswant Qu. S.O.

From 8 P. M. to mid.

Obserted clear and pleasant, with light to moderate breeze from North to Obsert Barmeter steady. Ebb tide.

WBWhitelory Lieutenant 91.9 9

Examined and found to be correct.

Thogus ASalt 94.391 Navigator

LOG of the UNITED STATES Thip Essex. Third. Rate, A anchor in the River Tague off Liston Portugal.

		TI	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.				BAROMETER.		TEMPERATURE		TURE.	5.		1 24	6
Hour.	Knots.	Tenths.			Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Se
A. M.	<b>Sur</b>	ugn	ig to Olm	JE.	Q4. A. Q4.	3			30.16	71	70	67		b.m.w.	none	10	
2		0	0	Ch. NOt.		3			30.16	71	70	65				10	
3						1			30.14	70	68	65				10	
4				A 94. by 04.		1			30.13	70	68	65		b.m.		10	
5				0		1			30.10	72	68	65				10	
6				Ox. NOt.		1			30.10	73	68	65	,			10	
7	7	Cig	luater		\$6.	1			30.12	74	69	66				10	
8	Lun	iona	toabl	04.904.	FOI.	0-1			30.12							10	
9		00		96. h 6.	38	0-1			30./3					bem	eix aum	9	
10				6.lg f.		0-1			30.10							9	
11				6.96	Q1.N91.	1			30.09							9	
Noon.				96. ly 6		3.4			30.11					6.m.	nne	10	

Course and distant	ce made good since preceding noon by observations,	knots,	tenths.					
	Latitude by D. R.	•	, ,,					
	Longitude by D. R.	0	, "					
Position at Noon:	Latitude by observations of ①	0	', "					
	Longitude by chronometer from Forenoon Observations of ⊙	0	, "					
	( Latitude by	0	, ,					
Position at 8 A. M.	Longitude by	0	, ,,					
Position at 8 P. M.	(Latitude by	ó	, ,					
Position at 8 P. M.	Longitude by		, ,					
Current during the								
(Error of the Comp	ass by Azimuth O observed at , ship's head	0	,					
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used,				
(Error of the Comp.	ass by Azimuth @ observed at , ship's head	0	,					
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used,				
Water expended di	uring the preceding 24 hours,	45	O gallons.					
Water	during the preceding 24 hours,							
Water remaining o	on hand fit for use at Noon,	113	50 "					
Coal consumed dur	ring the preceding 24 hours,	tons,	tons, 960 lbs.					
	hand at Noon,	117 " "	4 2, 0					

P. 1	м.										
		16.66	OH. A.OH.	2	30.12	75	80	73	b.m.	nne	10
2	Suriging to Flord	NE. by E.		2	30.11						10
2	, 00			2	30.09				b.c.m.	cum strat	8
4		CH. 4 CH.	Orest.	2	30.07						7
1	5		1.46.	2	30.06						8
	G	406.		2.3	30.06						8
1	High Orater.	1.401.		0-/	30.07						8
8	High Roter.		balm.	0	30.12				bom.l.	,	6
,	0 0	96. hy 8.	9.96	2.6	30.18				b.c. m.l.g.		5
10	0	96. hg	1.191.	1	30.16				b.c. aus	1.	5
1	1		NOI.	3	30.14				,		5
Mi	id.	6. ly 9.	91.19.	3	30.14						8
		1				'	1.				

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Ch. A Ch During to flood tide about 115.

Ensign Ou I. M.

Dum + to 8 l. M. Clear milead with low lying hase. Calm to light are variable in direction.
Bacometer rose alightly. Riding to flood until about 7 about with rish of watch eld communed to make at about 8 Carried on morning robus. Elitity sparty returned It. Budd Gramow returned from librity 19 house mittine. By robu of the Communicating Office & 8. Reported app 3 class was confined to the quarter deep in accordance with entry in log of July. By the same authority & B. Rudd app 3 class was confined to the guarter deep from all hands in the morning until hammore with evening for two days on brind and water offers persistent infration of the rules of the align newng tolesco. Received in Dept of 5 upplies and accounts 107/2 lb. life 107/2 lb. regetables and 86 lbs. brad.

From 8 a. On to Provide Obeather clear and warm hazy about hown balow to light air from 36 chifting to a A. A. A. and microaring to moderate berry. At 9.30 structured cour at quarter, furling & 6 Contractic (ba) I. P. Sureny (Eds.) and C. Brandle (I. Brandle

WBWhitelery Lewitewant 91.90

Sum Gruid to 40 M. Bleav to fair hazy and warm. Gentle been from the N. and Heel Forung to flore tide at 1.30. Account in Equipment Stept. 40 gellow olive oil from abrases Brother School Sarraine at auguste and bridding.

Exergi & F.a.

Theather fair, clouding up toward end of watch balu to gentle brey from & NE.

Barometer steady.

WEWhereby Secretary & Sec

From & P. M. to Prid.

Generally clear Morderate unid equall from 9.48 with lightning first home.

then wante light and to quite hery from 1.49 to P. A. A. Duned elt tide at 8. Perm rose at 11.30.

R. D. Lindale

Energy Ph. S. D.

Examined and found to be correct.

Roy H. Galt ... Swittenut G. S. Warden

# LOG of the United States Ship Essex. Third Rate, at anchor in the River Tagus off Libra and Making passage to Tunchal Madeira.

			Reading		WIND.				BAROMI	ETER.	темі	PERAT		State of		Clear 10ths.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C 8ky, in 10	Stateofthe
A. M.				16. h, 6.	Q1. N. Q1.	2			30.16	77	75	69		b.m.	nne	10	
2	Lum	ging	to alua	6.46.	Jr. Jr OV.	1-2			30, /3					b.c.m.	cum stral	5	
3		0 0		AO4.		1			30.13							5	
1				NO1. by Ob.		1			30.13	76	73	69				4	
5				91. AG1.	NE.	1			30.15	74	71	67				5	
6						0-1			30.18							6	
7					Variable	0-1			30.17	74	72	69				6	
8				Ofest.	Calm.	0			30.17							5	
9	Lur	naina	to EH	901. h, 9.	CH. NOV.	1-0			30.18							6	
10		0		6. h, 9	Chariable	1-0			30.17							8	
11				1	Chest	2			30.17							8	
Noon.				-	Ch. by A.	2			30.17							8	

Course and distance	e made good since preceding noon by	observations,	knots,		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		•	,	"		
	Longitude by chronometer from For	renoon Observations of O	0	,	"		
		choon object racions of o	0	,	"		
Position at 8 A. M.	Latitude by			-	"		
	Longitude by		0	,	"		
	( Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	,	"		
Current during the	time, knots tenths per	hour, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0			variation used,	
Error of the Compa	ass by Azimuth O observed at	, ship's head	0				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used,	
Water expended du	ring the preceding 24 hours,		4	150	gallons.		
Water	during the preceding	24 hours,			"		
Water remaining or	n hand fit for use at Noon,			00			
Coal consumed dur	ing the preceding 24 hours,		2 tons,	168	0 lbs.		
Coal remaining on	hand at Noon,		114 "	981	0 "		

P.M.  1 Stonegring to Flowe St. by Gr.  2 30.14 76 71 76 b. on. worde 10  2 30.15 79 79 73  3 4-67 0.3 Ftanding olone M. M. 3  3 0.13 86 85 73  10  5 2 0.5 Phore Cagan J. M. M. 3  30.12 82 86 73 62 11  6 7 4 7.9 Pholip Gr.  5 6 30.13 78 75 68 62 b. on. w. cir. stat 5  8 7 4 24.5 Ph. 30.																	
1 Stonegring to Februs Jo by W. 2 30.14 76 71 76 6 cm word 10 2 30.15 79 79 73 10 3 -67 0.3 Ftauday draw John 3 30.11 86 85 73 10 5 2 0.5 River Eagus Jr. W. W. 3 30.12 82 86 73 62 10 6 7 4 7.9 Philips 56 30.13 78 75 68 62 6 cm 10 7 6 7 4 7.9 Philips 56 30.13 78 75 68 62 6 cm 10 8 7 4 21.5 Philips 56 30.14 77 73 64 62 6 cm w cir stat 5	P.	P. M	И.										-			100	
3		1	St.	mgmq	to Flore	1. ly 94.	Ok. by JV.	2	30 14	76	71	76		b.m.	sure	10	
3		2		0 1													
4-67 0.3 Frauding driew Not. 3 30.11 86 85 73 10 5 2 0.5 River Dague N. N. N. N. 3 30.12 82 86 73 62 10 6 7 4 7.9 Phillips 56 30.13 78 75 68 62 6 mm 10 5 6 2 14.1 56 30.14 77 73 64 62 12 8 7 4 21.5 Phillips 12 8 7 4 21.5 Phillips 12								2									
5 2 0.5 (Rivin Dague N. M. M. 3 30.12 82 86 73 62 10 6 7 4 7.9 (2 50/40) 56 30.13 78 75 68 62 6 mm 10 6 7 6 2 14.1 56 30.14 77 73 64 62 10 8 7 4 21.5 (2 50) 4 20. 5 30.15 66 67 64 62 6 mm w. cir. stat 5		4	- 5	7	0.3												
5 6 30.13 78 75 68 62 6 mm 10 0 5 6 30.14 77 73 64 62 10 0 5 7 4 21.5 0 30. 14 77 73 64 62 10 0 5 7 4 21.5 0 30. 15 64 62 10																	
5 6 2 14.1 5.6 30.14 77 73 64 62 10 5 7 4 21.5 9 30.15 64 62 become in state 5		6	7	4	7.9												
8 7 4 21.5 Ch. 3ch shipt. 5 30.15-66 67 64 62 boom w. cir steel 5																	
							I by Ot.										
9 6 6 28.1 " N. N. W. 5.6 30.17 67 67 65 66 " 8						,,	1.494.	5.6									
10 6 0 3 4.1 . No by Ch. 4.5 30.17 68 68 65 66 b.m. 11 move 10.	1	10	16	0	34.1												
11 6 0 40.1 . North 4.5 30.17 69 68 65 66 10.																	
Mid. 6 0 461 4-5 30.15-69 69 66 66 10.								7.1 7.199 7.2523	30.15	69	69	66	66			10	
										-1	-1						

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

L. m. name Ensign U. F. M.

Orum 4 to 8 a.On

Creather fair and pleasant. Calow to light air from NE. Baroneter steady. Flore tide Received in Dept of Supplier and accounts 107/2 lbs leef 107/2 lbs. negetabler and 86 lbs. brad. 2. P. Survey Sde. 76. b. Otthabe box, and b. Bramble D. Mr. 3cl, returned to the ship 41 hour or time 6. P. Reynolde app. 3el and S. B. Rudd, app. selver une reconfined to the Quarter deck in accordance with order as entered in log of July ; and it.

WBWhitelery Quitewant Q. 9 94

From 8° a. M. to Merid.

Clear and pleasant balow wandly hight and and light been from the 4th and Orest France to elb tide at 9.30. At 9.30 had quarter for muster and inspection. At 11, started frew emder boilers of black and D. At 11.02 France bouler A. B. and D. At 11.02 France bouler A. B. and D. At 11.02 France bouler Martial of which Link R. B. 4th & It. W. It. is senior member, mak for the trial of John Pathority. But an officer to Portuguer flagship to advise them of own departure and offer senior as a Chadren. By order of Communiting Officer, derivated O. J. Felulty. Their Core is class to Landenson. By order of Communiting Officer, derivated O. J. Felulty. Their Core is class to Landenson. By reason of physical disability, and noted A. Gibbon Role, to This bout it class Portugues of physical disability, and noted A. Gibbon Role, to This was a class Portugues of the control of th dropping apparatus. as Tistale

Ousign U. F.M.

Orm Merid to 4 P. On

Clear and pleasant. Light breeze from Oh by b. to gentle breeze from AB. Falling barometer. Furning to find at 10 clock. Freund all brate for sea, encelepped accommodation ladders and regard in both borne. Ab 2.45 engine was turned over and at 30 clock reported way. Denight to the chain and at 3.10 called all hands up anchor. How up and at 3.30 stated alread alow. All and of watch standing drow Dagad Ruer, Commanding Officer and Rangetor on the budge Death of ship formed 13'5', aft 16'41's.

d. m. noun Energy OL S. Ch.

Oum & to 8 P.M.

Pleasant and bayy one damy last how of watch benth to feet here from it it to to by the Baronetw riving . In my sure from it it to the the Baronetw riving . In my sure from it it of the stage and the stage as a top describe of the stage braining the bright and ago to the the stage of the st to the Fa.

From 8 G. On. to Oris.

J. N. Jordan, Lieutenant & SOL. blear, hazy along horyon, ony damp. Moderate to stiff breve from it. I Ch. hauling to North last half. Long entle from A. N. B. Flening conse O FOR. under all each to while topsale, except moderate and expender.

Examined and found to be correct.

Rym N. Galt. See Havigator

variation used,

			-	0 0			4										
	1		Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			P. S.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthes
A. M.	45-6	8	52.1	Ov. 901.	N orth	4-5			30 14	60	64	61-	66	b.m.w.	une		
2	5	*	58. 2	(M. O.W.	ov vicao	4-5			30.13						mone	10	d.
3	5		63.8			4-5			30./3							10	
3		6			NE.	3				the state of						10	•
			67.0	•						1		,		b.c.m.w.	stial.	8	-
5		1	69.1		No.ly 6.	2			30.14	1	100	100	1000	b.e.m.		9	-
6		6	71.7			2			30.14	1		1000	1000	*		9	-
1	5	4			6. NE.	3-4			30.16							9	
8	4	20	81.3			3-4			30.19		4	1			cir.strab.	9	
9	4	1	85.4	•	NE. by E.	3			30.20	70	70	68	67	b.m.	none	10	
10	+	3	89.7			3			30. 20	71	70	68	67			10	1
11	4	0	93.7			3			30.22	71	170	68	68			10	
Noon.	5	1	98.8			3			30.23	74	72	170	68			10	
	98	. 9	Dietaure	by fig. 9													
				nade good since preceding	r noon by observation	s,			93	kno	ts,	te	enths.				
			(1	Latitude by D. R.					37	1 0	34	34	" "	1.			
			I	Longitude by D. R.					"	. 0	18	00	" (	<b>W</b> .			
F	ositi	on at	Noon:	atitude by observations of	of O				37		31	. 58	"	Jr.			
			I	ongitude by chronometer	from Forenoon Obse	rvation	s of ©		11	0	0 2	22	" (	24			
				atitude by D. R. from					3			, 50					
P	ositi	on at		ongitude by Observati					10			00	3 6 3 6 6	94.			
1	Positi	on at	8 P. M.	Latitude by D. R. from Longitude by Chunmet	None P. On. obs	ewat	ion 0		3	The same of		102					
C	urre	nt du	ring the ti	me, . 52 knots	tenths per hour, settir	ng to th	ie :	975	26.		'						
				by Azimuth O observed						90	17	91					
				pass by Azimuth O obser						,	,	ou		variatio	on used, 1	10 3	0 3

Deviation of the Compass by Azimuth O observed at . , ship's head .	1 47 CW.
( Error of the Compass by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Compass by Azimuth O observed at , ship's head	0 ,
Water expended during the preceding 24 hours,	500 gallons.
Water dutilled during the preceding 24 hours,	400 "
Water remaining on hand fit for use at Noon,	600 "
Coal consumed during the preceding 24 hours,	/ tons, //20 lbs.
Coal remaining on hand at Noon,	112 " 2100 "

P. M.															
1	3	6	2:4	CU. SCU.	16.68	3	30.23	73	72	70	69	b.m.	nne	10	م
2	3	3	5.7		. 0	3	30.22							10	
3	3	5	9.2			3	30.20	75	73	71	69			10	-
4	3	5	12.7			3									
5	2	5	15.2		E. 16.	2-3									
6	3	4	18.6		NE. ly E.		30.15								
7	4	5	13.1		NE.	3									
8	4	6	27.7		NE. 46.	3									
9	2	8	27.7	QL. G. QL: 14 QL.	NE	3						b.o.m.w.			
			36.7		S. N. S.	3	30.19						cum wint	4	-
			41.8			3-4									
Mid.	3	4	45.2		898	2-3	30.20							3	
1		4				100		1	1	-1					

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Wheather clear and pleasant, with stiff breeze from North dropping hight at end of watch and braining! NE Baromaler steady This under all sail to topsails except manipul and aparker. Steering a course.

Leutenant U. S.M.

Orom H to 8 W. m.

Chear and pleasant damp. Light to moderate beezer from N.E. to E. N.E. Our concer CN IN (pc). At 4.30 took in git, main and muyen topmant etaquaile and main trysail and set topgallant early and royale Thodreate they will, chip willing they write of Communicing Officer Ph. Bught apprehene was pleased on quarter dien whom and water from homeone's to hammorle for two hays officer, africing to stry the order of me apprentice petty officer; and Char Reynolder app. silver was also placed or quarter seconding to province orders. quarter, according to previous orders.

Gueign W. J. ON.

From 8 a. M. to Merid.

Bleav and pleasant. Sentle been from NE by E. Bawmete vieing. No change in sail . On course Ch. Feb. at 120 clock fried a Rottonal Salute of 21 genes with Energy at the speak, in hour of the day. Long NEY. evill. Distilling.

The Rance Energy & F.M. L. M. Names Eusign W. J. M.

From Pheriod to 4 P.M.
Playant warm and hazy buttle breef from JE by & abilting to FO at 340 and then shifting hall to it & by & Baronton falling Long purel from North. Itering a course P. III., under beginner sail to enjate earest mainsail, and for topmark stayant brew engaged in various athletic aports.

L. Jordan.

J. M. Jordan. Teutenant M. J.M.

From 4 to 8 PM. Clear at first partly cloudy last three hours, hay with heavy dew about award. Light to gentle brey from No. had odd Iteming concer Or IV. hunds equal cail to expels except marrial, until 6.10 when set flying jit, jit, main and muyen topmast staysale, took them in again at 7.45. This welling easily to long evel from No. Leitheant Q & D.

From 8 P. M. to Paid.

Obeather fair light clouds procing one from 98. to N. W. Onedwate brees from N. 6. banking to 6. 98. and despecing light Wist is by order of Commanding Officer changes conver to Ch. 901. 149. patent by registering 29.5. This selling heavily at time to long will from N. 6.

WBWhiteley Lieutewant Ol. S. Ch.

Examined and found to be correct,

Royal Hyalt Leutenant & & Dr. Navigator

LOG of the UNITED STATES Ship Essex. Third Rate, Making passage from Lisbon Portugal to Frunchal Madeira.

		1	Reading		WIND.				BAROME	ETER.	TEM	PERA'	TURE.			Clear 10ths.	3
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Ci	Stateofthe
A. M.	46	8	500	ON . \$91.1494.	G. 16.	3			30.13	73	71	68	68	b.c.m.w	cum mil	4	2
2	4	4	54.4		31	3			30.12	72	71	68	68			3	
3	4	0	59.3		38	3.4			30.11						10.00	3	
	5	0	64.3			3-4			30.10							4	
5		0	68.3		6.96.	3			30. 08							3	1
6			71.4			3			30.09							3	
7	4	7	76.1		46	3-4			30.08						stiat	2	
8	4	10	80.1			3			30.08			1000				4	-
9	1	8	80.9	Ox. NOL.	f91.6, f	0-2			30.10	1	,					5	
10	,	1972	84.8	Cheet	9.86L	0-1			30.09							3	-
11	04	000	82.7	CU 991:1491.	3.46.	2.3			30.12						cir.cum		1
Noon.		0	89. /	Ch:12 9	F. FOU.	3		1/2	30.08					-	·	6	
											1	1					

Course and distance	e made good since preceding noon by observations, \$\mathcal{F}\pm\mathcal{2}\cdot\mathcal{O}_1.	75	knots, tenth	s.
		36	knots, tenth  o 31 / 43 "	N.
	Longitude by D. R.	12	041.15 "	ON.
osition at Noon:	Latitude by D. R. Longitude by D. R. Latitude by observations of ©	36	036 104 "	1.
	Longitude by chronometer from Forenoon Observations of ©	12	036 130 "	OX.
	( Latitude by D. R. from Monny	36	0 38 . 43 "	St.
Position at 8 A. M.	Latitude by D. R. from Moon  Longitude by Observation 0	12	018 145 "	Ol
	(Latitude by D. R. fram) Nom/	36	033 134 "	N
Position at 8 P. M.	Latitude by D. R. from Norm Longitude by Chronometer from P. M. Observation o	12	044.03"	91
Current during the	time42 knots tenths per hour, setting to the 463	· 6.		
Peron of the Compa	on by Asimuth O channel at " shin's head		0 ,	

Current during the time, .42 knots tenths per	hour, setting to the & 63° 6.	
Error of the Compass by Azimuth O observed at	, ship's head	
Deviation of the Compass by Azimuth @ observed at	, ship's head	
Error of the Compass by Azimuth O observed at	, ship's head	
Deviation of the Compass by Azimuth @ observed at	, ship's head	
Water expended during the preceding 24 hours,		

Vater distilled	during the preceding 24 hours,	600	"
Vater remaining on hand fit	for use at Noon,	800	"
Coal consumed during the pro-	eceding 24 hours,	/ tons, 1200	lbs.
Coal remaining on hand at N	oon.	111 900	"
9			

P. M.												133				
1	3	2	92.3	C4. b, 9.	South	3	1/2	30.10	72	72	20	69	b.c.m.	cup mint	2	2
2	2	0	94.0	94 42 9.		2										
3	2	0	Hauledin	Ot. by &.	9. 9eu.	2	1/2	30.08	71	72	70	69		cum etral.	6	-
4	2	5		01 181:1201.		2							b.e.m.w			
5	2	0		Otest	Fly W.	1-2		30.07								
6	1	5		Q. N. Q.	Flu.ly F.	1										
7	1	0			. 8	1										
8	1	0				1	1/2	30.12	71	71	69	68				
9	0	3		ON . POV.	9.98.	1-0		30.13							6	
10	1	0		991. hall 201.		1-0		30.13						cum.	4	
11	0	2		ON . ly 8.		1-0		30.13	/	,				/-	5	
Mid.	0	2		ON . Ly 4.		1-0		30.13						-	5	
									1	1	0				1300	

400 gallons.

# Commander E. J. Strong Tunday July 5

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commeweed and until 4 a. On.

Cloudy and change cluds from FCh Light to moderate breyes.

oranible for chart periode between E. W.E. and FE. occasionally dying not endeady and coming out
from FCh for about a minute. On course Or F Ph 14 Ph (ye) under for topmast staysail and egilar
acid to engale, except the mainsail. Distilling Long Easterly surle and ship rolling. Mornhight.

Eusign Q. S. M.

From it to 8 a. M. Cloudy and danys. Gentle breeze from E. F. shifting to FM. for shot intervals lack how of watch Baroneter hearly steady. On course M. F. H. Oh. Cho change in sail. Distilling M. Bught approxime was reconfined on quarter deed at hammoster for offence as stated in yesterday's morning watch.

L. M. nome

From 8 0. Oh to Merid.

Chasant and hazy. Light baffling anis from \$6 to 90 by 9 first part of watel.

Light to gettle breeze from 9.36 to 9.40. Patter part. Baronter fluctuating from 30.08 to 30.12. Long will from 6.46. Fleering as concer 01.99. Is the much by the rand on part tack under equins earl to regale sacrept manuscul. At 8.20 at main and mujew transport staymarts jet and flying jet 04 10.30 art afranker and oncine trypail. At 9.30 or mustered at quarter and africands read Aticles for the better Inventuals of the North take onew and officers, then held because Greater.

Leutewant M. J. M.

From Their to 4 P. M.

balf, cleaning last half, damp. Gentle to light must pressing orchest from I'd and Old first half, cleaning last half, damp. Gentle to light buy from Inth and I. II. Bacometer ere alighely at first them fell. By the wind on part tack under all each each manisal bounce to be made Ot I. I 1/4 1/4 1. watel . so when changed to II. by Or 1/4 1/4 1. Lieiten aut Qu. S. A.

Dean 4 to 8 9 9 M. Cheather clear, clouding up a little toward end of watch Slight air from 9 Ch to 9 9 M. by 9 Barmeter vising . At 5 30 took in main and myzer topmest stayealle. At 7.30 took in main types to port tack.

Whiteless

Lieutewant & & D.

Dum & P. M. to Mid.

Fair, damp, alow moving clouds from III balus and light distill airs. Cloud hauled on port tock with backy decenquency. The change in each By order of Commanding Officer released J. P. Beyet apposed from confinituent and made him a privace at large senting sentium of Terminay Cont Market Devilling. atishale Eurign U. S. M.

Examined and found to be correct.

Hagen Hefalte Levisor On & Ok. Navigator

0 0

10

11 / 0

Noon. / O

10 1 0 no steerngerray

son!

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

101 how!

101. by 1.

OG of the United States Ship Essex. Third Rate, Making passage from Dishm. Portugal to Funchal, Madeira. Direction by Standard Compass. A. M. 18 9 9. hg 94. Ol:14 SV. 14 30.13 70 70 65 65 beamer. cummint 2 & 16 Hauled in 2 The by N. 2 2 2.3 14 30.12 70 70 65 65 0 2 . 20 2 14 30.11 70 70 65 65 2 . 901. h. s. Ot. J. 94. 14 30.11 70 69 67 65 O.c.m.w. 2 2 991. 84.94. N 04:1494. 1 30.10 69 69 67 65 17 0.c.m. 9.964. NO1/2 St. 2 1 30.13 70 69 67 65 9. 904. and St. 0-1 0 5 NOt. 1 30.13 69 69 67 65

0

1

30.14 71 70 68 65

30.15 71 71 69 66

2 30.15 71 72 69 66 30.16 71, 72 69 68 30.15 72 73 70 68

tons, 1680 lbs. 110 . 1460 ..

balow.

901. h. a.

01.901.

901. ly 04.

Sew.

04 6 Distance by Log		
Course and distance made good since preceding noon by observations, J79 : @4.	24 knots, tenths.	
(Latitude by D. R.	36 · 37 · 58 " N.	
Longitude by D. R.	13 0 09 , 33 " 04.	
Position at Noon: { Latitude by observations of ⊙	13 09,33 " Q. 36 040,33 " N.	
Longitude by chronometer from Forenoon Observations of O	13 . 05 . 50 " 94.	
	36 . 35 16" N.	
Position at 8 A. M. Latitude by D. K. from Now Longitude by Observation 0	13 . 01 . 29 " 94.	
(Latitude by D. R. lum Nom	36 · 34 · 13 " N.	
Position at 8 P. M. Longitude by Chrynemeter from C. Gr. Observation o	13 008 14 " 94.	
Position at 8 P. M. {Latitude by Sh. R. frow Now.   Competent of the Compe	ô.	
( Error of the Compass by Azimuth O observed at , ship's head	0 /	
Deviation of the Compass by Azimuth O observed at , ship's head	o , va	riation used,
( Error of the Compass by Azimuth O observed at , ship's head	0 ,	
Deviation of the Compass by Azimuth O observed at , ship's head	o , va	riation used,
Water expended during the preceding 24 hours,	400 gallons.	
Water distilled during the preceding 24 hours,	600 "	
Water remaining on hand fit for use at Noon,	1000 "	

															-
															P. M.
6 &	cum. 6	b.o. m.	69	70	74.	74	30.14	1	1-0	CH. 1194	North "	Hauled in	5	0	1.
7 -	. ,								1-0				5	0	2
	. 7								1-0				0	1	3
									1				2	1	4
									1-2	NOK. by N.	991/2 OU.		7	0	5
									2.3	ref.	991 ly 01.1401.				
		b.e.m.w.	69	68	71	70	30.15				.0				
									4	0					
									4		891. ly 94.	7.2	9	3	9
									3	Alu E.		11.7	5	4	10
									3						
						1				and the same of th					123
1 6 5 3 1 0	Cum strak 6		70 69 69 69 69 68	68 68 66 66 66	73 75 74 71 70 69 69 69	73 72 70 70 69 70 70	30.14 30.14 30.15 30.15 30.16 30.17	1/2 1/2 3/4	1 1-2 2·3 4 4 4 3 3	NON & N. N. N. N. N. N. N. N. N. N. N. N. N.	99.12.90. 99.12.90.14.90. 99.12.90.	96.8 2.0 5.3 7.2 11.7 15.5 19.0	27700 2395 8	100 2 5 5-3 4 3	4 5 6 7 8 9 10

Commander & T Strong Monday July b

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. 9n Cloudy to orreach and damp. Dight been from I by I to II by I. Barometer falling aloney By the wish on part tack under agree halt to regale earlyst the maderil, of fit and for topmach athyrail sail set. Discilling. Now now at 12.45.

dim name Eusign QL. 8.96.

From 4 to 8 a. 91. Show the history and pleasant below and light airs to light hery from 40h by I to I. to I. by the philipping to the otherward back again. Barbetta ricing I being by the unit or port tacks and a colour 10 by 14 th. Index again each to royal Cacyet maintail) and head acuts all 4.15 act main and migger topmart stayable, aparter and main trysail of 6 30 tork on stayable At 7.00 tork in main trysail and aparter. By order of bomuseding Officer confined b. the Reynolds again as throw and water for me day of quarter diek, from up all homissold to hausered at hausered at hausered to hausered at hausered to the stay to grade of the sail in a sail in eight standing to the Ed. eight standing to the Ed.

J.N. Jordan. Sen. Sen.

From 8 a. On. to Merid.

blondy and hazy. Light air from the and Old. Baroneter steady. By the unid on port tack under all plain sail lacest manisal and spanker. At 10.40 set main thread and spanker. At 9.30 mustered and inspected at quartere. Dielled in Division, grad guns; thend, pictole. Third amall aims and Torder, gunney instruction. During in prior, had reasonably instruction for apprentice. 3, Leithaut Q. S.Or.

From Merid to 4 P. M.

Obsether clear and pleasant. Calow to light aire from Ob. N. Barometer steady. At 10 clock were taken about by light aire and had to bear off. apprentices of the watch engaged arming manner on their blankets. Agrical class carrenied during and period. This by the word on port tack. on port tack.

WBWhitelsey Leitenaut W.S. M.

From 4 to 8 P.M.

Clear to clondy and damp, alonder from the N O'M. Light beyer from Oh. N M to
morderate begge from N by N. Dot the wind on part tack until 4.30, when work ship after 5 ship on
the conce 90% by 94.14 M (gc) Of 5.30 took in and fuled light early double refer to perally
making sail adams to regale, for exercise of crew A 6. set the mans and mights transact staysals.

At 6.30 part own fatest log reading 9.4.2. Oct 9 started fire under bother B. for distilling Long A. NOTY
surell. Fighted a steamer at 4.30 braving 3.5%, hell down standing to the Ed.

Busion OU. S. M. Dusign W. J. M.

Orm 8 G. On to mid.

blondy and reamy. Ornoach latter pool Morderate to guttle heave from It by the to 46. by th. at 8.15 by rober of Commanding Officer changed concer to IN by W. partial log 33. The change in sail Commenced dictaling at 11.30. Long curll from N. A. H.

Examined and found to be correct.

L. m. name Ensign Q. S. R.

Rogers Halt

This Essex

Third Rate,

Ot.

variation used, 18000 9

variation used,

Making passa	ge from	Lisbon (	Portugal to	Funchal,	Madeira
10			- (/		

			Reading		WIND.				BAROME	TER.	темі	PERAT	URE.			bs.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of Clean Sky, in 10ths.	Stateofthe
A. M.	30 5	8 4	24.4	901. Ly 01.	16. by 1.	4							68	0.c.m.d.	cum minel	0	2
2	5	5	29.9	1		4			30.15							0	
3	6	3	36.2			5			30.16	70	68	66	68			0	
4	6	6	42.8			5			30,16	69	68	66	68			0	1
5			49.5			5			30.16							0	
6			55.8			5			30.18	69	68	66	68			0	-
7			62.4			5			30.20	69	68	65	-69	0.0.		0	
8			69.2			5			30.22							0	
9			75.3	44	,	4-5			30.23							0	
10	7		82.3			5			30,23							0	*
11	6		89.1			5			30.23							0	
			95.3			4-5			30.26	1 .	1			The second second		0	-

	THE RESERVE THE PARTY OF THE PA	
110.	1 Distance by org.	

Course and distance	e made good since preceding noon by observations, \$3/2 %.	/03 knots, tenths.	
		35 . 19 . 41 " N	
	Longitude by D. R.	14 016 ,44 " 04	
Position at Noon:	Latitude by D. R.  Longitude by D. R.  Latitude by observations of ⊙	35 0 12 12 12 W	
	Longitude by chronometer from Forenoon Observations of ⊙	14 0 11 . 00 " 04	
		35 040 41" N	
Position at 8 A. M.	Latitude by D. R. fund Jone Longitude by Observations 0	13 051 183 " 04	
	Latitude by D. R. lun Som	34 031 .36 " N	
Position at 8 P. M.	Latitude by D.R. Juni Now  Longitude by Chrometer Juni P. M. Observations o	14 050 . 42 " (2)	
	,		

Current during the time, .29	knots tenths per hour, setting to the \$42 6	
Error of the Compass by Azimuth	o observed at 3.43 Pm, ship's head For by 91/4 Ph	16056
Deviation of the Compass by Azim		1004.

Deviation of the Compass by Azimuth O observed at , ship's head	1	1004.	OH.
(Error of the Compass by Azimuth O observed at , ship's head		o ,	
Deviation of the Compass by Azimuth O observed at , ship's head	200	0 1	
Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours,		400 550	gallons.
Water remaining on hand fit for use at Noon,		1100	
Coal consumed during the preceding 24 hours,	1	tons, 1760	lbs.
Coal remaining on hand at Noon,	//	9 . 1840	"

													1	1		
P. M.																
1	6	1	1.4	9.01. ly 01.	16. by 1.	4-5	30.26	70	70	67	68	b.c.	cum mint	12	£	
			7.6	JON . 2 91:14 04.	NE. by N.	4-5	30.2							3	1.	4
			14.0			5	30.2									1
			20.6		. 3V	5	30. 2									
			27.0		A.NE.	5		571								
			\$2.9			5	30.2									
			39.7		. S.k.	5		8 70								l
					,	5		670	1							
9	3	8	49.0	901. h. Q1.		5	30.2					b.c.w.	17.			l
			59.3	991. by 94.		5	30.2					0.c.w.	V :			
			65.3			4-5										
			70.2		No.ly 6.	4	30.2							0		
		,	1		7		00.0	1	1		,					

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. M. Chordy with recovered shows of mich. Moderate to stiff brey from No. by N. Barmeter viewing very bloody. Fleering a conse IN by N. indee all early manifeld at 2.40 three in sparker and their trysail. Long curll few No.

J. N. Jordan. Lieutenant M. J. R.

Orum 4 to 8 W. M.

Overcast slightly mitty at first Itiff here from No. by the Barometer aring Dong surel from No. Itering course IN by the under all sail eacyst rhamsail main tryshil and speaker. At 5, took in main topenhat staysail and at 7, 40 set it again barries out morning robus By robe of the Commanding Office, & E. Ihuin a sole was confined to the office ; Impudence to a petty officer.

b, duby, Sixutewant ON. J. M.

Orm 8 a. On to Merid.

Cheather cloudy but pleasant, with moderate to stiff breez from N.E. by N.
Barometer rienia. At 9.30 mustered ever at quarter and savvered as follows: Powder Division, general instruction; First Dinain, pictole; Beard Dinain, acting up carriers; and Phird Dinain grunning instruction. During 2nd period all Dinains had instruction in acamanchip. This otering a consecution and from N.E. Dected magazine flow ocks and found them in working order.

WBWhitelery

Cludy but pleasant. Fiff A Ely breeze. On cours of the by the (pc) with 1, when changed to Seth by the A. (pc), per oder of Commanding Office. To change in sail. Products Noby well. Detiling a Quartely brand of which Little to the Salt the Set was seems member, examined the Paymenter accommite in accordance with attele 1569 U.S. Wany Clegalations.

RATicalale Eneign M. J.M.

Oum 4 to 8 4.90

Cloudy but pleasant. Itill busy from N. N.E. to N.E. Barometer awing till last bur. At 5:30 earnied at resping topsails are follows: resping topsails and fulling light carle 4:57; lorening hight carle and making earl to topsails it 35. At 6.50, haviled down fit and flying jet and main topmast etaysail. Our course II. by N. 14 A. Distilling. Long N. Ely curll.

L. m. name Energy U.S.W.

Oum 8 P. M. to Quid.

bloody and pleasant. Fiff to moderate breeze from NE. to NE. by E. Barmeter strady. Ling swill from NE. Hereway a course All by N. 49h under same sail as in preceding watch. At 8.15 took in expanse and main trysail: at 8.30 took in wysle: at 8.30 migren top-mast staysail. At 8.25 by order of Communicating Officer changed course to FG. by A.

Examined and found to be correct.

I Leitewant Or S. In.

My Livitenant Di & Dr. Navigation

LOG of the UNITED STATES Thip Essex, Third Rate, Making passage from Sister, Portugal to Funchal, Madeira

	1	1	Reading		WIND.				BAROMETER	TE	MPERA	TURE.			1 1	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height The	Air, Dry	Air, Wet	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clean Sky, in 10ths.	
A. M. 1	74	9	75.2	Sarlyar.	JiE.	4			30.25 7	6	9 67	68	b.c.w.	cum minel	2	2
2	5	3	80.5	7	16. h. A.	4			30.257			68			1	
3	4	5	85.0		NE. Phos.	4			30.247	6	9 67	68	0.c.w.		0	1
4	5	2	90.2	,	18!	4			30.24 7		9 67	68			0	
5	4	6	94.8		JUG. 6.	4			30.247	6	9 67	68	0.e.m.		0	
6	4	8	99.6		,0	4			30.25 7		9 67	68			0	1
7	4	8	4.4			4			30.27 7		9 68	68			0	1
8	4	4	8.8		, ,	4			30.27 7			69			0	1
9	4	4	13.2		NE	4			30.25-7		1.1	1			0	
10	+	5	17.7			4			30.28 7	1.					0	
11	4	6	22.3			4			30.28 72				b.c.m.		1	
loon.	5	7	28.0			4			30.30 72		9 68	1			3	

	132 .7 Dietas	en by Long .						
		ce made good since preceding noon by observations,	143	knot	5, 7	enths.		
		Latitude by D. R.	33	0	25 .36	" A.		
		Longitude by D. R.	15	0.	48.21	"94		
	Position at Noon:	Latitude by observations of ⊙	33	0,	21 . 2	" A		
		Longitude by chronometer from Forenoon Observations of O		0	,	"		
		( Latitude by D. R. fum Nom	33	0.	41.00	·		
	Position at 8 A. M.	Latitude by D. R. from Norm Longitude by S. R. from G. M. obs. o	15	0	5'06	"91		
				0	,	"		
	Position at 8 P. M.	Longitude by		0		"		
	Current during the	e time, knots tenths per hour, setting to the						
(	Error of the Comp	ass by Azimuth O observed at , ship's head		0	,			
1	Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head		0			variation used,	0
-	Error of the Comp	ass by Azimuth ⊙ observed at , ship's head		0	,			
1	Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head		0			variation used,	0
	Water expended d	uring the preceding 24 hours,			400	gallons.		
	Water distil	lled during the preceding 24 hours,			950	"		
	Water remaining of	on hand fit for use at Noon,		1	700	"		
	Coal consumed dur	ring the preceding 24 hours,	1	tons	700	lbs.		
	Coal remaining on	hand at Noon,	10	8 "	1940	"		-
					513131			

P.	M.		_		POI D AL											
1	1	3	7	33.2	991.h.W.	No. ly N.	3	30.36 7	3 7	4 7	0 70	6.0.m.	com wint	0	2	
1	1 2	8 1 3	5 735	29.5 33.2 34.5 8 8.0	9 CH. ly PH.	18	3	30.297						0		1
	3	4		42.5	. 1	No. by N.	3	30.28 7	4 7	5 7	1 7			0		1
	4	4	7,	47.2			3	30.277						2		
1	3	3	4	52.0	\$4. h. a. 12 94.		3	30.27 7						2		
	6	2	3	47.2 48.6 52.0 54.8 57.1	n. 94. 3/4 QL		3	30.29 7					1	2	9	
	7	4	6	61.7			3					b.c.m.u				1
	8	3	6-2	64.7	ભા કુંશા.	4.16.	3	30.32 7						1		ı
		3	5	69.5	,		3	30.32 7					5200			1
1				72.9		Sorth	3	30.34 7					1	0		ı
1	11	3	454	72.9	04.801.404	North	3	30.34 7						0		
		3	9	80.7		4. by Ot.	3	30.33 7					1:	0		1
			1	1		4.9		00.05 /		0 6						

, U. S. Navy, , 1896 .

assistale

Leut dant W. J. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and until 4 a M. Shudy to orneast damp. Phodewate been from NE NE byte, and SE. by E. Img sull from Nd. Steering concer & Or by W. under agreed and to topicallest sails eacely manually, and for typeach staypail. At 1, all jit and main and migged topmach staypails, and at 2.15 took them in again. Liestehant Q. S.O.

Qum 4 to 8 a. On.

Cheather cloudy but pleasant, with moderate breeze from NE by E. Bavometer aring at 50 clock est the royale as 6 clock establing 3. E. Phino applies was resoftned to the gwarter deck in accordance with order as extend in justindays by B. G. Phino app. 3 class was infined to the gwarter deck in accordance with order as extend in justindays by B. G. Phino app. 3 class was infined by order of Bommanding Officer for these days on quarter deck on broad and water from y a. M. to J. P. M., for importance to an officer. an officer.

From 8 a. Ch. to Cherid.

Securally orient and cloudy (Moderate breg from NE. On course 9th by 91. (gc.)

at 9.20 eighted Got Fauto Illand braining On 90. (gc.). at 9.30 had quarter for muster and interesting During first pariet, carreind the cour at abotening, fulling and making early carrying out the evolutions times the best times thrus as fellows: abotened sail in it mustes, fought sail in 3 minutes best parties and made and in 4 minutes of seconds; completing last institute at 10.35. By order of bommanding Officer J. 9. Peacem appose bless, was released from confinement, the sections of the Gunnary bout Martal in his case having sequent. Earnessed a detail of appointers at eignals Distilling. Each angel color with a Summar sequent.

From Merid. to 4 9.91 Severally wrises and clondy Gentle been from 45. b. 4. to 46. Baronet felling olovely. Our cours 99. b. 44 until 12.15 when changed cours to 49 by order of Communding Officer, potant by 29.5. At 156 by some authority changed course to 49 by 19, patent by 34.5 balled all hand to muter at 10 clock and published sentence of Flummary cont-martial in the case of J.D. Beyel app. schee and confinishing in accordance with the following centeries so days politically confinement or broad and water with a fell ratio early fifth day unto to law all 19 of that may have have further during his term of confusion amounting to 39 ft. Classed add sackanged volors inch a Lambert and to 41 stranger translating to 4th and 50 lbs change in acid at 30 clack No. Rest from 96 by 4. patent log 42. Distilling Insued clothing and anall atoms to Timeiro.

n. Kame Erwign Ok. J. M. Oum of to 8 P.M Clausey and pleasant Gentle breef from No. Barmeth riving Frency a come Al & & By order Community Officer made the following changes of coner at 4.20, Ta. & 98; at 5.32, \$15th \$16th, at 7.45 they cander agreed each to walk and for top-made stayers. At 6.45 took in and futed argele and top-gentland eaches, the Sand and for top-made stayers. At 5.20 eighted the Secretar and Chadier Inlands. At 7.40 made for bounds of Coning Ob. 5/8 to made of Coning Ob. 5/8 to the secretary sight braining Ob. 5/8 to the secretary

Oum & G. On. to ahid. Cloudy to orward damp. Gentle been from it NE at first graduall hauling to it by the Frening course I File with maken four topenal have and topenal and topenal at Examined and bound to be correct first . At 8.24 art jet : at 10.15 act type allow to acid main trye ail Frank from in balow B. and D. at 8. Than wardy in B. E. and D. at 9 addingth. At end For Groups hight bore about 2 porte formered of starboard have and Deceter about 2 prints forward of port brain. Plyn H. Galt O. J. M.

Third Rate,

LOG of the UNITED STATES Ship Essex. Pherd Rate Making spaceage from Siebon Portugal to and at auchor in Quachal Bay. Pradeira

	-	1	Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of		Clear Orbs.	100
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches	Ther.	Air, Dry Balls.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10t	State of the
A. M. 1	52	7 07	81.7	Ol. 4 91. 3/4 04.	A by 94.	3			30.31	71	70	68	69	f.e. m. 4	em aint	3	9
2	03	787	89.9	Ø1.1/2 9.	s hol	4			30.30						4	5	
3	4	7	94.6			4			30. 29						,	5	
4	4	3	98.9		JrE. by N.	4			30.29							4	
5	,	12	Houled in	96.6.6.126	NE. ly E.	4			30.28	70	70	67	70	b.c.m		3	
6	1	5		16 ly 6.	6. h. JV.	4			30.29							4	
7				Various		3-4			30.30							3	1
.8					Variable	1-3			30.31		1			b.e. 9, m.		3	
9						1-2			30.32			1		B.c.m.		2	
10	ane	hord	,	991. hy 04.	04.994.	1			30,33	,						2	
11	Rude	unou		Parine		1			86.88							,	
Noon.			4		991.6, 9	1			30.33							2	

75. 6 Distance by frg. Course and distance made good since preceding noon by observations, knots. Latitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by Longitude by Position at 8 P. M. Latitude by Longitude by knots tenths per hour, setting to the Current during the time, ( Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head (Error of the Compass by Azimuth O observed at , ship's head , ship's head Deviation of the Compass by Azimuth O observed at 400 gallons. Water expended during the preceding 24 hours, Water distilled 900 " during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2200 " Coal consumed during the preceding 24 hours, 1 tons, 200 lbs.

106 " 1740 " Coal remaining on hand at Noon,

P. M.									
1	f91.	94. 9. 6	W. /	30.33	74 7	5 70	b.c.m.	cir cum	2
2	91.99	v	1	30.32	74 7	5 70			1
3	91. ly	9. Otest	. /	30.31			0.c.m.		0
4	9x. 2,		1-2	30.31					0
5	Quel		2	30.30			b.e.m.		4
6	Q1. by	A	2	30.31					3
7			2	30.3/				1	1
8			1-0	30.32					2
9		bal	w o	30.32			b.c.m.w.	1	2
10	94.J	191. Van	able 0-1	30.32				1	3
11	Qt.	ret "	0-1	36.82			0.c.m.w.		0
Mid.	1.	19. Nort	lu 0-1	30.32			b.c.m.		3
					1				

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until + a.m. O eather fair orchard, fog banks about hongen. Stentle to moderate here from It by N. to N. E. by N. Bar ometer falling. ON 12.15 Changed concer to 9.34 I patent bog registering 81.7 and at 12.15 The Greenge Oright was abrain. Changed concer at 1.10 by order of 6 minimum of four to 9.12 To and took in topgallant earls. At end of watch the lights of Function were wearly about. Fries backed under three boilers Distilling.

WBWhinelsry Leitewant & S. M.

Orum 4 to 8 a. PM

Dair to cloudy. Product to light beezes variable between NE. and E. by N. At 4.30 brought by the wind part tack, at 5.30 Now ship bruguing by the winds starboard tack, standing in towards Durchal Charleins. At 7.30 coupled up-sugmer and apreced from M. 7.45 called all hands and fuck and, going about with engine at 8 clock atanding in to auchorage at Durchal. Eachauged number with N. E. P. S. Promongables at auchor in Durchal S. J. Philite app. 3 class was placed on quarte deck from hangour to be accounted to the window of the said. thannover per order etc prevendy logged. Kaliadale

From 8 a. In. to Merid.

Cherm 8 a. M. to Chevid.

Cherdy but pleasant dight aris from CH. Feb. to Feb. by the Barmeter nearly steady at braining of with standing in for an auchrage off Queelal Commanding Officer and brainght rest the hidge Each angul number with the Ph. P. F. Monogable and made segral at 8.50 o'clock Int. 1121 Monogable ancurred ye.

Arish salute of 21 government Portugues flag at the main Falute was award with 22 government of the Prince abuse of 21 government with 29 government of the prince and alugard accommodation ladder At 9.25 Chamogable segralled 2121. At 11.40 called all lands however and alugard of Chamogable toke the line from that orest and though the to a new both.

Fetret in again and at 11.38 came to on part eacher in 15 fathous aff bothom and need to be fathous at the baptam Recurd chain and negged on throne. Beaungs from auchrage Forth ale force (right tangent). A by 19. It force die not season from the New Arms. Beaungs from auchrage Art of the fire die not season from the New Arms. Beaungs from auchrage Art of the fire die not season from the Recurd Chain Annual 18. The Recurd Bayetoff Pub. By 18. Deall forward 18. 816. "At fire die not season from your ready, Onnongable ancured" not quite weedy to mouranding Office poid au official oriet to the Managable. rendy, Ornongalla answered not quite nearly Commanding Officer prid an office visit to the Managalla.

L'mo name Guign Q. J.M. Cherry Original to 4 P.M. bludy and pleasant Light air to light bress from Ch. I. A. to Chet. Barmeto falling their steady. Engaged in cleaning, ship between and below boundaring Office & I. I. Pomongalise paid an official vide to the ship. Full am office to the Oh. I boundary office of the Ship soul to this port came on brood, upon his leaving finds a valute of 7 general Ch. I Enrique at the for Research and official wait from an officer on the Prague Kembrat at anchor in the bastor.

Oum 4 to 8 P.M

J. S. Jordan. De & R. Cloudy and pleasant Light breen to light air from Obset Barmeter newig. There attained lift the harbor and one latered & B. Burne and J. D. Singhlin appros class, was confined under punishment of eday double using for officer of stending clother and amuggling leguer. Sent down topgallant and anyal garderable dock

S. M. Haure Enrige Q. J. C. From & P. M. to Phile.

Examined and found to be correct. Pleasant and cloudy. Calow and light air from Ch. N. M. to ch. N. Burnite steady.

J. N. gordan. Lieutewant A. & M.

> Store Nigell Leitenaut Q. J. Or. Mangator.

LOG of the UNITED STATES Ship Essex. ON anchor in Funchat Bay, Madeira.

								-									
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		Per l	100
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheSe
A. M.				Ch. hy N.	Canalle	1-0			30.32	74	71	69		D.E.M.	cir aum.	0	
2				891. by 9		1-0			30.32	74	72	68				0	
3				9.9%		1-0			30.31	73	72	68		b.e.m.	-	5	
4				J.J. E.	NO1.	1			30.31	72	71	68				6	
5				N. by 6.		0-1			30.31	72	71	65				4	
6				19.	"	0-1			30. 82	72	71	68				4	10
7				98.	balm	0			30.32	74	78	73				4	
8				\$9. h, &.		0			30.33	74	76	71			cum atia	17	
9				Otest	Otest	1-2			30.34							8	
10				04.2,9		0-1			80.33					b.c.	cir eum	9	
11						1			30.84							9	1
Noon.						0-1			30.34	76	76	171			cir. atial		

	Course and distance	e made good since preceding noon by	observations,	knots,		tenths.			
		(Latitude by D. R.		0	,	"			
		Longitude by D. R.		0	,	"			
	Position at Noon :	Latitude by observations of O		0	,	"			
		Longitude by chronometer from Fore	enoon Observations of ⊙	0	,	"			
				0	,	"			
	Position at 8 A. M.	Longitude by			,	"			
				0	,	"			
	Position at 8 P. M.	Longitude by	,	0	,	"			
	Current during the		hour, setting to the						
-			, ship's head	0	,				
		ss by Azimuth O observed at		0	,		variation used.	0	,
-		mpass by Azimuth O observed at	, ship's head	0	,		variation used,	100	
	}	ss by Azimuth O observed at	, ship's head	0	,			0	
	( Deviation of the Co	mpass by Azimuth O observed at	, ship's head				variation used,	,	,
		ring the preceding 24 hours,			00	gallons.			
	Water dutille	during the preceding 2	4 hours,		00	"			
	Water remaining or	n hand fit for use at Noon,		22	00	"			
	Coal consumed duri	ing the preceding 24 hours,		tons, -		lbs.			
	Coal remaining on	hand at Noon,		106 "1	74	0 "			

	4 - F						
P. M.							
1	P4. by 9	Q. 4, 9.	1	20.23 77 78	72	be.	cis. etiat 8
2	901	1	2	30.32 77 77			. 8
3	96.h, 9.		2	30.22 76 77			. 8
4	sel.		2	30.3176 76			. 8
5			2	30.31 76 76	71	1	. 7
6	Qu. hg.		2	30.31 76 80			cans wint 6
7	#6.		1	30.32 76 76			. 6
8	9. FQ.		1	30.33 75 74			. 2
9	Ot. by N.		2	30.35 74 74			. 4
10	Or. ly of.		2	30.36 74 74		0.00	0
11			1	30.34 74 73		b.c.	2
Mid.	9. ly 1.		1	30.34 74 73			. 2
	1.			1111	'		

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a.M. Ornest to clondy. Calm to light air, variable first three hours, & Or last low. Barometer fell slightly. Liby, Duby, Dusty On & M.

Orm 4 to 8 a. m.

bloody to clear and warm. balus and light & Orly airs B aroute rising alonly. Executed morning orders. E. J. Philip app 3 class was reconfined in quarter deep at 7 9.90. for office he stated in morning watch of the 8 th visitant Evoued topgallant and royal reads at 7 30. At 73. Parangallar hade diese and time arguel or follow. 6397, 3357. Victimat in Steph Tripplies and accounts, free priviles as follow. 107/2 lbs each of his aux orgetables and 86 lbs brank

L. m. name Ousign Q. J. M.

From 8 a. M. to Merid.

follows: Omard Proter to see; Varigation 55 see: 1d. Division, 1 min . 5 see; 2nd Division, 1 onin . 8 sec : 3rd Division 1 min 10 acc. after Parker 1 min 10 acc. Commanding Office paid an official write to the Portuguese I sunbard in the harbor rand on the Captain of the Port. Dransfund to harpital on alon & Germany (9. 6. I class) for treatment.

J. M. Jordan. Lieutewant W. J. M.

From Merid. to + P.M. Clear and pleasant. Light air to light here from M. by F. Barometer falling shorty. Sent librity party in shore. Light would Du In.

From 4 to 8 P.M. Char and pleasant. Dight air to light here from Ot. by F. Barometer steady there resing . I of steaming come, unbut mainsail and sent down books yards.

Leitenant M. S.M.

Firm's P.M. to Mid. Cloudy to arreach. Light been to light aris from M. by & Barmeter were first two home, their enduced to fall.

Examined and found to be correct.

Plager A. Galt Lintenant & & & Navigation

LOG of the UNITED STATES Thip Essex. At sucher in Funchal Bay. Madeira.

-	_	1			WIND.		y	1	BAROMI	TPD	TEM	DEDA	PITOP		1	1	-
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Dry Ib.	Air. Wet Balb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea
A. M.				falle.	91.h, 8	0-1			30.33	74	72	69		b.c.	cum amil	3	
2				Ch. Let.	Ol. Py. N.	1			30.30	74	72	69				3	
3					90. ly 9	0-1			30.30							2	
	Ark	de	VC.	98. ly 6.	E. W. E.	0-1			30.30							2	
7				Garl		0-1			30.00					0.e.		0	
6				991. ly 21.	N. N. Q.	1			30.31					t.e.		1	
7				J. N.E.	Carriable	0-1			30.32	,						2	
8				East.		0-1			30.33	1	1	1			atras	1	
9				F91.		0-1			30.32							3	
10					ON. 904.	1-2			30.32						cum	4	
11				01. h. g		2			30.3/							4	
Noon.				01.901.		2-3		-	30.31					b.c.m.	Cum etia		
									-								

Course and distance	e made good since preceding noon by observations,	knots,	ter	nths.
	(Latitude by D. R.		,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②		,	"
	Longitude by chronometer from Forenoon Observations of ⊙	•	,	"
	( Latitude by	0	,	"
Position at 8 A. M.	Longitude by	.0	,	"
		•	,	"
Position at 8 P. M.	Longitude by		,	"
Current during the	time, knots tenths per hour, setting to the			
( Error of the Compa	ass by Azimuth O observed at , ship's head	•	,	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	ò		variation used, o
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	•	,	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,
Water expended du	aring the preceding 24 hours,	4.	50 ga	llons.
Water	during the preceding 24 hours,			"
Water remaining o	on hand fit for use at Noon,	17	50	"
Coal consumed dur	ring the preceding 24 hours,	17 tons,	6401	bs.
Coal remaining on	hand at Noon,	106 1	100	"

P. M.									
1	Q1. by 9.	Cheek	1	30.30 76	77	72	0.0.w.	cam , wenit	0
2	9. h 91.		2	30.30 7			b.c.m.		3
3	394. ly 3		3	30.29 7					3
4	flyn.		3						
5	996.6,00		2	30.28 75	1 7	71			3
6	થા કોલા.	QL. A. 94.	2						3
-	9.90%.	W. 51 W.	7	30.28 7	1 73	70			4
	98.6, 9	- Canalle	0.1	30.28 7	1/3	10			4
8	92		0-1	30.28 7			-		100000
9	4 <b>4 6</b> .		0-1	30.31 7				7.	2
10	J. J G.		0-1	30.30 74			0.c.m.	/ .	0
11	South		0-1	30.30 73	72	69	b.c.m.		2
Mid.	9.96.		0-1	30.29 73	72	68		-	2
	-			1'	1				HO B

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and until + a. M. Oreather cloudy but pleasant, with light variable air. Barmeter steady.

Wis Whiteley Lieutenant On J. M.

J.N. Jordan, Lieutenaut Oh. S. Ph

From 8 a. M. to Meid. Clady balu at first, light air to gutte buy from Ot. Fet. last there house Baronete falling slowly. Sty Luly Santewart 91.99N

From Mend. to 4 P.M.

O eather cloudy, but pleasant Light airs to guite been from .

Others. Barmeter falling. Libraty party of apprentices which ashore. By order of bonumending Officer, O.P. Butchings app. stare was confined to the quarter beek on braid and water for four days, from all hands to barmanche, for refusing to oby the order of a petty officer.

Lientenant Qu. J. Or

From it to 8 P.M. Chady. Sight breep from Cheet, and Ph. N. M. first half. Eight airs and calmed last half. Badometer attacky. Fibrity party of appendices extremed.

5, Life, Lintenant & S.M.

From & P. M. to Phid.

Or eather cludy but pleasant, with light variable airs. Barmeter steady.

English steamer left the harder.

Willhurg

Wishingley D. 99.

Examined and found to be correct.

Signit De J. W. Navigator My

LOG of the UNITED STATES Thip Essex. Oh auchor in Funchal Bay Madeiro.

			Reading		WIND.		0		BAROMI	ETER.	TEM	PERAT	TURE.	State of		lear the.	100
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M. 1				f. Ta.	Qualle	,			30,28	73	72	69		0.e.m.	cumming		
2				OH . 801.	QL. NOV.	2.3			30.28			69		"	"	0	
3					"	3			30.28	72	72	69			,	0	
4		1		Ot. NO1.		3			30.28	72	72	68	1		"	0	1
5				Ch. by g	Jr. by 24.	2			30.25	72	71	67		b.c.m.		2	
6				9.96	balm	0			30.29	73	72	68				3	
7					Cu. 901.	1			30.29	1	,	67				3	
8				Fel. by 9		1-2			30.30					,.		3	
9				901.0		2			30.30						cum.	2	
10				901. h. O.	Of by A.	2-3			30.31						cum stral	2	
11				ા કર્યા	CN. 991.	1-2			30.31							3	
Noon.						2-3			30.30						-	4	
										'		1					

Course and distance	e made good since preceding noon by observations,	kn	ots,	tenths.		
	(Latitude by D. R.		,	"		
	Longitude by D. R.		,	"		
Position at Noon:	Latitude by observations of ©		, ,	"		
	Longitude by chronometer from Forenoon Observations of ⊙		,	"		
	( Latitude by		,	"		
Position at 8 A. M.	Longitude by		,	"		
	( Latitude by		,	"		
Position at 8 P. M.	Longitude by		,	. "		
Current during the						
( Error of the Compa	ss by Azimuth ⊙ observed at , ship's head		,			
Deviation of the Co	mpass by Azimuth O observed at , ship's head				variation used,	0
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head		,			
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's head		,		variation used,	0
Water expended du	ring the preceding 24 hours,		400	gallons.		
Water	during the preceding 24 hours,			"		
Water remaining or	a hand fit for use at Noon,		1350			
Coal consumed duri	ing the preceding 24 hours,	to	ns,	lbs.		
Coal remaining on l	hand at Noon,	106	" 110	0 "		

P. M.										
1	Sou ly ou	Q. 99.	2	30.29	16 76	71	b.c.m.	cum atral	1 4	
2	Otest		3	30.27					2	
3	901.		2.3	30.27					3	
4	9. 90k.		2.3	30.27					2	
5	901.		2	30.27			0.c.m.		0	
6		Cheel	2	30.27			b.c.m.		3	
7	f. fo.		1	30. 26					2	
8	Intl	04.904	1	30.27			0.c.m.		0	
9	98. ly 9	Calm	0	30,28			ho.m.w.	1	4	
10	6.96.	Gariable	0-1	30,28				1	5	
11	East	N&.	1	30.28			, /		3	
Mid.	NE. ly 6.		2	30.26			. (		3	
100										

Roger Alfact. Distributor

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until of a M. Overast and cloudy, but pleasant. Variable light aire Eusign U. S.M. Drow A to 8 a. M. blondy and alightly hazy. Light brew from N by W. first hour balu areand hour them hight airs to hight brow flow Oh. AM. Baroutel war elightly Eascented moning orders. Dibrity men returned Received in Dept. of Papples and accounte 106 14 lbs. fresh lef, 106 14 lbs. negetables and 85 lbs. bread Janes J. Lieutenaut Vid M. Sientenaut Vid M. From 8 a. On. to merid. Bowmite steady. At 9.55 meeterd even at granter and the Commanding Officer inspected the ship with rule at granters. At 10.80 a minister from show held Direct Fine or braid. J. S. Occholon, 6.00. 3 class about without leave. Wigwhitelery Lieutenant & 900. From Meid. to 4 P.M. Clody but pleasant Light Ch. & Orly breyer Feet librity party of appointive on shore. Rationale Eusign I FI. Dum 4 to 8 P.M. Cheather cloudy but pleasant. Light aire to been gen Or. All to Cheek. Barometer stondy. Library party of appendice returned. WBWhiteley Treitenant VISON From & P.M. to Mid. Colondy but pleasant. Calm, light variable and Noly airs.

PALinal
Energy 94.9.0. Examined and found to be correct.

4-265

LOG of the UNITED STATES Thip Essex. At anchor in Funchal Bay Madeira.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of		lear ths.	1
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulls.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				Ok . N. Ok.	balu	0			30.26	72	71	67		0.e.m.	Cun min		
2				Okest	North	2			30.26					b.c.m.		3	
3				Ok. 196	Variable	1-0			30.25							6	
				NE.	North	2			30.23							5	
5				East		1-2			30.25							5	
6				JE.		1			30.25		1			4 114 11		6	
7				6.46.	Variable	0-1			30.25							6	100
8				For har.	994	2			30.25	1		1				6	
9				3364.		2			30.22						cir. steal	8	
10				g 6, 91.		1.2			30.24		1 .	1				9	
11				ન ના		2			30.24		1					9	
Noon.				04.994.		1			30.24							9	
										1	1	-				1	

1	Course and distance	made good since preceding noon by	observations,	knots,		tenths.		
		Latitude by D. R.	1	0	,	"		
		Longitude by D. R.		•	,	"		
	Position at Noon :	Latitude by observations of O		0	,	"		
		Longitude by chronometer from Fo	renoon Observations of O		,	"		
		Latitude by		0	,	"		
	Position at 8 A. M.	Longitude by		0	,	"		
				0	,	"		
	Position at 8 P. M.	Longitude by		•	,	"		
	Current during the		r hour, setting to the					
		ss by Azimuth O observed at	, ship's head	•	,			
		mpass by Azimuth O observed at	, ship's head	0	-		variation used.	0
		ss by Azimuth ⊙ observed at	, ship's head					
-		ompass by Azimuth O observed at	, ship's head	0	,		variation used.	0
		ring the preceding 24 hours,		4	50	gallons.		
	Water	during the preceding	as hours			"		
		a hand fit for use at Noon,	, , , , , , , , , , , , , , , , , , , ,	. 9	00			
		ing the preceding 24 hours,		tons,		- lbs		
	Coal remaining on 1			106"	4 5	7 "		
	com remaining on r	nund ut 1100n,			-			

										-
P. M.	Q1.FQ1.	04.904	2	30.24	74	75	70	be.m.	cir.eum	. 6
2			2	30.24						5
3			3	30.24						4
4	Glest.	West	3	30.24						3
5	Ch. by N.		2	30.23						3
6	South		2	30.22						2
7		Variable	1	30.24						2
8	9. h, 6.		0-1	30.26						4
9	4€.		0-1	30.26				0.0.	cum wint	0
10	8. h. M.		0-1	30.26				b.o. ou.	130600	2
11	6. h 9		0-1	30. 26					/ .	4
Mid.	98 ly 6	₹Ğ.	1	30.26						6
	1-				,					

Hay Sieitenant & J. 9.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

lamental and with a company	
Commenced and until 40 90. Overcast to clondy balon to light by hely latter half.	w. Falling barmeter
latter half.	[m 9 74
	Lime name Eurign W. F. Ok.
From + to 8 a. m.	7"
Reather clear and pleasant Light variable airs to hee	y from 90h. Barometer
steady. Account in Dept. of Typples and acounts 106/4 lbs haf, 106	14 lbs. regetables and
and et 1 40 anual evenel 2773 Such a boat to Oh I I Onemadula in oh	duice to pravial.
Orenther clear and pleasant Light variable airs to here eteady. Received in Dept. of Fupplies and Recount 106/4 lbs beef, 106 85 lbs. brad. Ab 7.30 the B. J. & Browngahla made time and uniform a and et 7.40 genula eignil 2773. Such a brat to B. J. & Browngahla in oh O. Butching upp. 3 class was seemfund to quarter deer in accordance to	order as entered in
log of 11th initant.	
	Deciterant D. S. O.
From 8 a. On. to Great	
Ocom 8 W. M. to Mend. Clow and pleasant dight I Hy and O. I The heeze of quaters, finding I. I wishout blue 3 daes, about without lean Educated the 1st Dinion grant gene and Dinion, amall arms; 3rd Dinion printer and Conder Dinion grant general sources cours and cook leaving right yands covered. Received General Hagnal 4 3897, from the Monney Mondical Officer of the sing was sent in obscure that a leavend reflect Officer of 9. I Thomographer. Percensis steamer left the port.	4 9.30 mustered at
quarters, finding & I Decholow & M. 3 clase, about ulthout lean Educated the	apprentices as follows
2 de Tineim grat gune 2" Devium, amall aims 3 Devices fectole and	gumery instruction
leaving and words would Received Grand Grand # 3897 from the Monning	salela and the
Indical Officer of the ship was sent in obvidence thereto. Descend official	irich from Chardroom
Officer of 9. 9. 9. 9. manyable German steamer left the port.	astrodal
	Ensign W. F.M.
Draw Meid to 4 P.M.	
baronter Exercised 1st Editor, Phalebook and gig under raw. Tent librity abor at 40 clock. At 1.10 Monning abore at 40 clock. At 1.10 Monning abore at 40 clock. At 1.10 Monning abore at 40 clock.	to Chest Steady
baroneter Exercised 1st batter, Malebout and gray under rais. Tent librity	party of men in
and 40 cache. Cor 1.10 (Nothing Louise, makes surplied 2919.	w name
	Gusign W. J. Mr
Dum + to 8 G.M.	us and down high
From 4 to 8 P.M. Colondy balond and light variable air and buyer. At 5. yards.	The sense region
	Eurign Qu. J. Qu.
à Q On + Ouit	Ourign W. J. W.
From 8 G. M. to Mid. Clady to rowered bleaung near end of watch balm sain. Steady barreter.	v to light variable
aiw. Steady barmeter.	w 2 ×
, ×	Euriga W. J. M.
	1
d.	
Examined and found to be correct.	

LOG of the UNITED STATES Thip Essex. Wandern in Funchal Bay, Madein.

			Reading		WIND.			1	BAROMI	ETER.	тем	PERA	TURE.		1793	lear the	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balls.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				<b>4</b> &.	Quaise	0-1			30.26	71	71	67		b.c.m.	cum ninit	5	
2				St Ch. ly N.		0-1			30.26	71	71	67			4.	4	
3				9. by 61.		0-1			30.26	71	71	67		-		3	
45				(H. 8 Ot.	94.804.	1			30.25	71	71	67				2	
5				991. h, Q1.		1			30.25	72	70	66		0. e.m.		0	
6				. 0		1			30.26					b.c.m.		2	
7				04. h. f.		1			30.28		1					6	
8				Or. hist.		2			30.28	1						7	
9				Quel		2			30.27	1						5	
10				91.49		2			30.28							4	
11				99128		2			30.29							3	
Noon.				9.961		2			30.86							2	
									-				1			200	

Course and distance	e made good since preceding noon by observations,	knots,	tenths.	
	(Latitude by D. R.	0.	, ,,	
	Longitude by D. R.		, ,,	
Position at Noon :	Latitude by observations of ②	•	, ,,	
	Longitude by chronometer from Forenoon Observations of O	0	, ,,	
	(Latitude by	0		
Position at 8 A. M.	Longitude by	0	, "	
		0	, ,,	
Position at 8 P. M.	Longitude by		" "	
Current during the	time, knots tenths per hour, setting to the			
	ss by Azimuth © observed at , ship's head	0	,	
}	mpass by Azimuth @ observed at ship's head	0		variation used.
	ss by Azimuth ⊙ observed at , ship's head	0	,	
1	ompass by Azimuth O observed at , ship's head	0	,	variation used.
	ring the preceding 24 hours.	450	gallons.	
Water	during the preceding 24 hours.		"	
Water remaining on	n hand fit for use at Noon, .	450		
	ing the preceding 24 hours,	tons.	lbs.	
Coal remaining on 1		6 . 45		
	THE RESIDENCE OF THE PARTY OF T			

							-		
P. M.	901. ly 04.	Inth	2	30.29 74	75	69	b.o.m.	cam minel	4
2	Pool		2	30.29 74					4
3	F. by OL.		1-2	30.28 7					3
4	9.901.		2.3	30.26 7					3
5	91. h. 9.	Meet.	1-2	30.24 7					4
6	91.594.	94.494.	1	30.26 7	1 75	69			4
7	CH: ly N.		1	30.26 73	74	69			3
8	(0) . ly 8.		1	30.26 78	74	60			3
9	1	9. ly 8.	1	30.29 73					1
10			1	30.29 73				1	1
11	JU 94.	(A. AQ.	1	30.29 7			. /	1 .	1
Mid.	Of at 24.		1	30.29 73			. (		1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until H a. M "Pleasant unather hazy around honzon balow and light wanable ais Barmeter steady.

J.N. Jordan Lieutenant U. J. R.

Oum 4 to 8 a. On. and accounts following fresh permisense for crew 106/14 lbs engetables 85 lbs brack Qt 7.3 changelde howard Lignel 6551, and this ship acknowledged C. P. Britchung app. 3 class war placed on quarter deep from banuscke to banuscke as per presence order legged.

Suring W. S. Meud.

Commenter of 9.00, absentier of 20. Olicholem 69h oclasse Carrend Division has follows - 2nd Division and both Onder Division, grad gene: 1st Division, small arms, 3nd Division, early present of many period at leur and Owney for distant cervice. Division, and letter present of moments of the latter present of moments property was last onetward things shallenesses, as follows: a boran in the bill assignment held of obscaling, to both during surface presents of Supplies and accounts 106/4 lbs. fresh last.

Lm. nomen Enriga 91.9.9h.

From Meid. to 4 P.M. .

Cloudy and pleasant Light to gutte hery from Forth. Baronete eteady them falling. Earnessed boats enew in pulling and earling Dested flood cooks and found them in good condition. Leutenant Q. S. Dr.

From 4 to 8 P.M. Cloudy and pleasant Sight air from Over to Ob. NOt. Barometer nearly ateady. Had quarter at 5.45, and turked in hammocks Sent librity men acknown at 40 chel.

L. M. Wanned Energy Ou. J. O.

From 8 O.M. to Mid. Boundy and pleasant. Light air from Ch. by I to Ch. N. Ch. Bournette steady.

Leutenant Ch. J.O.

Examined and found to be correct.

Plugus Nyalt Firitewant & S. M. Harrigaton

LOG of the UNITED STATES Ship Essex. We sucher in Tunchal Bay. Madeira.

		Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.			lear.	3
Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Balls.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10	Stateofthe
			Chest	Q. sq.	1-			30.29	72	72	68		0.o.m.	cum mil		
				Anth	1-2										0	
			196.	(Variable	1-2										0	
			North	North	2										0	
				Canalle	1-0								b.c.m.	12.57 (3.18)	2	
			6.96.		1-0										3	
			E. hust.		1-0										4	
				Otest.	1										4	
			904.		2										3	
			Chest		2										2	
31		,	f. h. E.		1-2										2	
					,								-		2	
	Knots.	Knote.		Theory Courses Steeped by Standard Company  Ohear  NON.  North  G. 46.  G. Lyw.  FOR.  Ohear	Reading Direction by Standard Compass  Oh. 14 Oh. A orth  Not. A orth  Not. A orth  Oh. A	Reading Phone Courses STEERED by Standard Compass.  Ohest Ohest Ohest II Anthrope Oh	Reading Part of the Courses STERRED by Standard Company S	Reading Printed by Standard Compans  Ohest	Reading   COURSES STEERED by Standard Company   Direction by Standard   \$\frac{1}{2} \frac{1}{2} \fr	Reading   COURSES STEERED by Standard Company   Direction by Standard   St. 29   The Interior at 1/2   1/2   30.27 72	Reading   COURSES STEERED by Standard Company   Direction by Standard   St.   St.   1   1   1   1   1   1   1   1   1	Reading   COURAGE STEERED by Standard Company   Direction by Standard   St.	Reading   COURSES STEERED by Standard Company   Direction by Standard   St.   St.   In technology   Standard   St.   S	Reading Part   Courses STEERED by Handard Compans   Direction by Standard   Standard	Realing   Courses STEERED   Direction by Standard Compane   Standard	Realing   COURSES STEERED   Direction by Standard   Section   Se

Course and distance	e made good since preceding noon by observations,		knots,		tenths.			
	(Latitude by D. R.		0		"	1		
	Longitude by D. R.		0	,	"			
Position at Noon:	Latitude by observations of ②		0	,	"			
	Longitude by chronometer from Forenoon Observations of O		0		"			
	( Latitude by		0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
			0	,	"			
Position at 8 P. M.	Longitude by		0	,	"			
Current during the								
	ass by Azimuth O observed at , ship's head		0	,				
1	ompass by Azimuth O observed at , ship's head		0	210		variatio	n used	0
	ass by Azimuth ⊙ observed at , ship's head		0			variatio	n useu,	
}	ompass by Azimuth © observed at , ship's head		0			variatio		0
	ring the preceding 24 hours,			100	gallons.	variatio	on usea,	,
Water Acceund	during the preceding 24 hours,				"			
Water remaining or	n hand fit for use at Noon,		3	000	"			
Coal consumed dur	ing the preceding 24 hours,		tons,	640	lbs.			
Coal remaining on	hand at Noon,	10	5 2	060	"			

P. M.									
1	F91.	94.994.	1	30.30 7	7 79	72	6.0.m.	am mine	4
2	91.3.91.		1	30.297	7 79	72			4
3	91. ly 1.		1	30.29 7	7 79	72			6
4	•	-	2	30.28 7	6 76	71			7
5	Q1.99V.	Q. N. Q.	2	30.27 7			l.o.		6
6	Otast		2	30.27 71					5
7			2	30.27 7					7
8	Oh. ly N.		1	30.30 7					5
9	8. 98.		1	30.30 7			b.o.w	1	6
10	JE.	Panable	0-1	30.33 7				19.00	4
11		1.19.	1-2	30.33 7				1.	6
Mid.	6.46.		1	30.33 7			. /	1 .	6

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

St. Luby, Sighter and QL S. O.

Jum + to 8 a. M. Cloudy and pleasant. Light ramable and Prestry airs to calm. Riving barmeter Received in Dept. of Emplies and accounts frish perfect as follows: 106/4 lb, beef, 106/4 lb, ragitables and 85 lb. brad. By order of Emmanding Officer confined on quarter deck, single primitional of their days brade and water from barmocks to barmonske & R. Beamon, lipp 3 deep. Officer, repeated dispolations of order: Thamer Ramadew Castle came in and anchord.

d. m. name Gusign M. J.M.

From 8 a. M. to Merid

Fair and pleasant. Light air to light brey from Obet Barometer strady then viring. At 9.30 mustand at quarters J. I Nicholen (692.36) and J. O. Stomman (2.261) about indicate leave. Earnessed at conding up and down royal and topgallant yards and rafterwards inspirited shothing. On ater book came almost is; received on braid 3000 gallow of fresh water, for dimking and working purposes. At 9.07 Onoungabela made signal, Meyor Corle. Clean and Fugles to knowital at 10.301 clock.

J. N. Jordan. Suntinant Ok. J. M.

From Phend to 4 P.M. Parthy cludy and pleasant, dight airs to light bery from 91.394. Barmeter falling alordy. Apprentices engaged mending clother and brilanling bags.

From 4 to 8 P.M. Bleav and pleasant Light airs to light beyor from B. A. B. Baronette steady then viving.

g. N. Jordan,

Leitewant Qu. 9.00.

Firm 8 P.M. to Mid

Partly clody and pleasant balow to light Checkely air first bone, variable seemed how and it is the last two home. Baroneter were eligibly first bone then steady.

J. O. Francian 3. 2 class, returned from librity 14 hours orritine. L. Luby, Suitewant & S. M.

Roy Styalt Sentewark N. J. N. Navigator

LOG of the UNITED STATES Thip Essex.
We anakor in Funchal Bay. Madeira.

			Reading		WIND.				BAROMI	TER.	TEM	PERAT	URE.			Clear 10ths.	1
Hour.	Knota.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air. Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cl Sky, in 10t	State of the
A. M.				<b>હે.</b> √હ.	N.NE.	2			30.33	70	69	66		6.m.	none	10	
2				16. h 6.		1			30,33					6.c.m.	cum.	8	
3				ref.		1			30.82	69	69	66		25 4		8	
4				NOW by N.		1			30.32	69	68	65				6	
5				NE.		2			30.02	69	68	65		f.c.m.u		5	
6				N91 494		0-1			30.82	71	70	67		b.c.m.	Cummind	4	
7				Oh ly st.	Variable	0-1			30.82					. ,		4	
8				7	Q4. NOV.	2			30.33	1						4	
9				Otest	01. 6. 9.	2			30.82	1	111				atial	3	
10				OL 4 9	1	1-2			30.31							3	
11				Jol 4, 04.		2			30.30							3	
Noon.				7		2			30.33							3	
										-							

Course and distance	e made good since preceding noon by observations,	k	nots,	te	nths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon :	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Forenoon Observations of G		0	,	"	
	Latitude by		0	,	"	
Position at 8 A. M.	Longitude by	A.	0	,	"	
	Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the	time, knots tenths per hour, setting to the					
(Error of the Compa	ss by Azimuth O observed at , ship's head		0	,		
Deviation of the Co	mpass by Azimuth O observed at , ship's head	a since	0	,		variation used,
(Error of the Compa	ss by Azimuth O observed at , ship's head		0			
Deviation of the Co	mpass by Azimuth O observed at , ship's head		0	,		variation used,
Water expended du	ring the preceding 24 hours,		50	0 g	allons.	
Water	during the preceding 24 hours,					
Water remaining or	hand fit for use at Noon,		25	00	. 1	
Coal consumed duri	ng the preceding 24 hours,		ons, -	_	lbs.	
Coal remaining on l	nand at Noon,	105	" 21	60	"	

CH . 904.	01 1	-							
	Olest	2	80.33	74	75	70	6.0.m.	cum atral	4
Qu. ly 9		2							
Old	Ch.ly A.	2		A	-	5000	1		3
		2							
J. G. Ly Jt.	Parable	0+					b.o.m.p.	au muit	2
901. h & .		0-1						"	2
ને ને <del>હ</del> િ.	balm	0					b.c.au.		2
98.		0							3
NE.	North	1							3
NOL. ly N.	(Vanable)	0-1				The state of the s		120/201	+
N. Sr 6.		0-1							
√હ.	1.19.	1						-	6
	Mld 4 G. L. J 4 G. L. J 4 G. L. J 4 E N E N C. L. J N J. E	Obld (H.by M.  4 th by M.  4 th by M.  5 th th th th the Chalm  4 th the Month  No. by M.  4 th the Chanable  M. M. by M.  M. M. th. th.	(N. ly N. 2 N. ly N. Granable 0+ FOR ly N. Galm 0 F. E. South 1 N. C. Ly N. (Vanable 0+1 N. N. E. O'anable 0-1	(NSd) (N. by 4. 2 30.32  1 (N. by 11 Prawable 01 30.33  3 (N. by N. 30.35  3 (N. by N. 30.35  4 (E. North 1 30.35  1 (N. by N. (Namable 01 30.36  1 (N. by N. (Namable 01 30.36  1 (N. by N. (Namable 01 30.36)	(NSd) (N. ly 4. 2 30.32 74 30.33 73 4 N. ly 4. Prawable 04 30.33 73 5 N. ly 8. Salm 0 30.35 73 \$ & balm 0 30.35 73 \$ & balm 0 30.35 73 N. E. North 1 30.35 73 N. C. North 1 30.35 74 N. N. Ly N. (Vanable 0-1 30.36 71	(Node) (Node) 2 30.32 74 73 30.33 73 73 73 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75	(Ald (H. b. 1. 2 30.32 74 73 69 2 30.83 73 73 69 2 30.83 73 73 69 30.83 73 73 69 30.83 73 73 69 30.83 73 73 70 69 30.83 73 73 70 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 72 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 73 73 69 30.84 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 73 69 30.84 73 69 30.84 73 73 69 30.84 73 69 30.84 73 69 30.84 73 69 30.84 73 69 30.84 73 69 30.84 73 69 30.84 73 69 30.84 73 69 30.84 73 69	What Ch. b. N. 2 30.32 74 73 69 2 30.33 73 73 69 30.33 73 73 69 4 A. ly N. Granable or 30.33 73 73 69 4 S. John O 30.35 73 73 71 4 8 balm O 30.35 73 73 70 8 6 0 30.34 73 72 69 NE. North 1 30.35 72 71 69 NOLLYN Cranable or 30.36 71 70 67	What Ch. by N. 2 30.32 74 73 69

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a m 

Will hitely Suttenant & S. R.

Fleavant and hay balw and light air to light here from N. N. 5.

and Ch. 4 (N. Barometer strady there hising Received in Teph of Fugglier and Accounter 36/4 lbs. fresh haf 106/4 lbs. nagretables such 85 lbs. bread. At 7.25 Choxung able made duce argued 6557, hauling down at 7.30 for time argued.

Lieutenant W. Igh

From 8 a. On. to Merid.

Colondy and pleasant Light air to light buy from Ph by & Barometer falling first their bone, viewig last bone. At 9 40 musticed at quarter J. D. Chichologo & M. 3 class, about without leave that he word of ten deleave for his delivery on brand to the Gr. & Borend Inspected battalini in heavy marching roley cubacked in that and found him ahead on the starband side of the chip. The battaline estimated at 11. Paid monthly money to starband watch of appendices. Received in Dept. of Jupplier and Recounter 70 lbs. bif

Lintengar & J. R.

From Preside to 4 P. Mr. Greather cloudy but pleasant, with light hery from Chest to 91 by 18.

Barmeter steady. J. Dicholan (B. Mr. o class) was brought on braid by the Price and in remaind of \$10 750, police for his selving. Elenty party of apprentices would asken.

W. St. Karelang

Wishling Lieutenant Qu. J. M.

From 4 to 6 994.

Chudy and misty with passing rain shows first and seemd bours balow to highly variable and Baroweter rising slowly thety party of apprentices returned.

Bheby Suttenant 91. 8 M.

From 8 P.M. to Mid.

Cheather fair and pleasant balus to light variable airs. Barmeter steady.

Q. G. Do Kalb, app. selace, returned to the ship 512 hours britime. Iteamer came in from Ed.

Willhindley Qu. J. O.

Examined and found to be correct.

Rogers A Galt Leitenant W. J. M. Narigation

LOG of the UNITED STATES Thip Essex.
Of anchor in Funchal Bay Madeira

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	N. A. S. S.		Par.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				NE.	Gawable	0-1			3036	69	68	65		b.e.m.	cum stist	7	
2				NE.		0-1			30.36							6	
3				N. ly 94.		0-1			30.35	69	67	65				7	
		1	3	401. h. sr.		0-1			30.34							6	
5				N. ly 04.	North	1			30.35						minist.	4	
6				0		1			30.36							6	
7				<b>46</b> .	Calm	0			30.86						cum amil	. 7	
8				686.		0			30.34					4		6	
9				98.	\$6.	0-1			30.34						cum atial	10	
10				96.h.E.		1			30.33							6	
11				3.86	Canable	0-1			30.33							4	
Noon.						0-1			30.35							5	

Course and distance	e made good since preceding noon by	observations,	knots,	tenths.		
	(Latitude by D. R.		0 ,	"		
Position at Noon :	Longitude by D. R.		0 ,	"	1	
Position at Noon :	Latitude by observations of O		0 ,	"		
	Longitude by chronometer from Fo	renoon Observations of O	0 ,	"		
	( Latitude by		0 /	"		
Position at 8 A. M.	Longitude by		0 1	"		
	( Latitude by		0 ,	"		
Position at 8 P. M.	Longitude by		0 ,	"		
Current during the	time, knots tenths pe	r hour, setting to the				
( Error of the Compa	ass by Azimuth O observed at	, ship's head	0 ,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		,	variation used,	0
(Error of the Compa	ass by Azimuth O observed at	, ship's head				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 ,		variation used,	0
Water expended du	aring the preceding 24 hours,		500	gallons.		
Water	during the preceding	24 hours,				
Water remaining o	n hand fit for use at Noon,		2000			
Coal consumed dur	ing the preceding 24 hours,		tons, 640	lbs.		
Coal remaining on	hand at Noon,		105 1420			

P. M.	9. ly 04.	Olest	2	30.85 74	75 70	b.c.m.	air.cum.	5
2	01901		1	30.34 74			cum wint	
State Con	Q1. ly 8.		2	30.33 74				4
	વ્યાક્વા.	91. 994	2	30.33 75				5
5			2	30.32 75				4
6	West.	,	1	30.33 75		1.		+
7	M. ly 9.		1	30.33 74				4
8	Q1.1994.		1	30.33 73		1		5
9	M. ly N.	Variable	0-1	30.33 73	71 68			5
10	NO.		0-/	30.33 72	71 67	be.m.w.	-	5
11	NE. ly N.	North	1	30.33 71	70 67	"		5
Mid.	NE.ly 6.		2	30.33 71	69 66	-		5

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and until 4 a an pleasant balm and variable light aire.

De Lio dels Energy a f. A.

Come it to 8 a. M.

Partly closely and pleasant Light air from North first half calm back bulf. By armeter was alightly at first then consumed to fall barred out morning order betrity party returned. Relevied in Dept of Supplier and account 106 the life fruit buf 106 the mortable and 85 lbs. Inad. Beauan B. B. App 3 clear and Termit J. App 3 clear was confined to the quarte deep to earn my the unequid pertino of their punishment. Incumed I app 3 clear was placed on the quarter deep, for two days on bread and water from "all hands in the morning to hansworks in the evening", Office, Deliberate disobuline of order at 130 Managalelle, made General Egnal 6351. Durward

Firm 8 a. On. to Oneid:

Obsather fair and warm. Calm to light variable are. Baronster steady.

Ob 9. 43. 30 called all lands clear this for action. all ready at 10th 10. 12 counted to Thural
Beautice and Divisione reported ready at the following times: Formand Parder 10-12. 30. Formand
Comber 10-13-05: Ituid 10-13-15; Diet 10-13-35; Navigators 10-14-05: George de 10-14-20. Communding
Office suspected this with one of quarter at 0.29 Record. At 10, U. S.S. Phonographila made regnal
(Sugar Code). Flammel is ready for the Paymarter.

W.S. Whitelow
Secretarial U. S.R.

Dum Meid to 4 9.9 ... Fair and pleasant Light Or estaly larger low off toggallant mark reper.

Sub likity party of apprentices on above I mall bedworphordite bug left the harbor at 3 making a way fast to this want while making sail.

R. Diall
Energy N. S.R.

From 4 to 8 P.M.
Obrather fair and pleasant. Eight buy to air from N. F.M. Barometer steady.
A small English stranger left the harbor. Cibrity party of apprentices all returned. At eludown sent down topgallant mast:

WB When sleep

Sienten and U.S.M.

From 8 G.M. to Mid.

Dair and pleasant. Light variable and Portholy air and beyon Phomlight until last half how.

RATINGLE

Europe V. S.M.

Examined and found to be correct.

Ply Hyalt Sintenant Out On Navigation

LOG of the UNITED STATES Ship Essex.
We anchor in Gunchal Bay, Madeira

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of		lear ths.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	State of the
A. M.																	
1				NE. ly 6.	Storth	1-2			30.31	71	71	67		b.am.w.	cum unich	4	
2				N. N. E.		2			30.31	71	70	67			,	5	
3				N by 6.		1			30.30	-70	70	66			1	5	
4				91. Je 21.	Q'anable	0-1			30.30							5	
5						0-1			30.31							5	
6				16. by N.	A by 6.	1			30.31	70	68	65		b.c.m.		5	
7				6. ly 1.	Quarte	0-1			30.31	73	81	73			cir.cum	5	
8				A 2, 6.		0-1			30.32	1				,		5-	
9				ON 601.	Oh hy f.	1			30.31							8	
10					OH . 401.	1			30.31							6	
11				FQ.		2			30.32	/		1				5	
Voon.				991. ly 9.		1-2			30.83	1	1					3	
0011.				our cy s.					00.00	1.	1	107	1			-	

				-			
Course and distance	e made good since preceding noon by	observations,	knots,	tenths.			
	Latitude by D. R.		0 ,	"			
	Longitude by D. R.		0 ,	"			
Position at Noon:	Latitude by observations of O		0 ,	. "			
	Longitude by chronometer from Fo	renoon Observations of O	0 ,	"			
	( Latitude by			"			
Position at 8 A. M.	Longitude by	66 1	0 /	"			
	( Latitude by		0 ,	"			
Position at 8 P. M.	Longitude by		0 1	"			
Current during the	time, knots tenths pe	r hour, setting to the					
( Error of the Compa	ass by Azimuth O observed at	, ship's head	0 /				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variation used,	0	,
(Error of the Compa	ass by Azimuth O observed at	, ship's head	0 ,				
Deviation of the Co	ompass by Azimuth © observed at	, ship's head	0 ,		variation used,	0	,
Water expended du	aring the preceding 24 hours,		500	gallons.			
Water	during the preceding	24 hours,		"			
Water remaining o	n hand fit for use at Noon,		1500	, "			
Coal consumed dur	ing the preceding 24 hours,		tons,	lbs.			
Coal remaining on	hand at Noon,		105 " 142	0 "			

P. M.									
1	96.46	38	1	30.32 74	75	69	b.c.m.	cum wint	4
2	98	9.98.	1	30.30 75					3
3	9.86.		1	30.30 75					5
4	991. hy 8.	99U.	1	30.30 76					6
5	Or high	Ch. Nest.	2	30.30 76					5
6	of Nat.		2	30.29 71					5
7	Otal	Ch. Set.	2	30.29 74					6
8	A94.	16	2	30.30 72					6
9	J. Gt. ly A.	"	2	30.31 72			b.c.m.u	13 /4	6
10			2	30.31 70			1.		6
11	A 91. ly 94.		1	30.31 70			Y .		6
Mid.	Aly or	Canable	0-1	30.31 70				-	4

## Commander E. J. Strong Faturday July 18

, U. S. Navy, , 1896 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. m. bloody and pleasant. Light airs and beeze from North.

L. m remed Energy Oh & M.

From A to 8 a. M. Reather fair and pleasant with light air from A by & browing ranable. Barmeter steady . A 5.30 lb . I. & Monovogakela made eigned 2.573. Full a broke to that weed in obstance to signal, a 17.30 lb . I. Monovogakela made time rand unform signal 6357. Recend in Degli of Pupplies and account 106/4 blo bef. 106/4 blo n getable and 85 lb. bread . J. Barmen applies of grater died in accordance with order of graterday, and by order of bommanding Office D. B. Bramow, app. 3 class was confined to quarte died for me day or brad and water for bring wifely alw in obeying order. At 60 clock a back left the booker and lb . I. & Monovogakela loned sail.

Will Mitteley

Wis Whitelery Leutenant W. & M.

From 8 a. M. to Merid

Clear to cloudy, but pleasant bight ON FOHy aire and breger at 9.40 ON S. P. S. Phonongahilar got underway land left the port, standard to See at 9.35 seen up topgallant mast and crossed tofgallant yards. English steamer acumuster rame in port at arm. C. Praesokin Ch. D. Mor., reported his term of Collectment as having rapeud.

RA Lindale Eusegn Q. J. N.

Our Merid to 4 P.M. Cloudy but pleasant. Tight air from 9E to 9Pt. German steamer "Alin Phononum", and English steamer Portugues Pruces came in and anchord. Tent librity party of men and boys ashon. Charles Ovacokin Ch Poths. were this day horovarly dicharged from the G. I. Paule German of Expension of his term of enlictment.

Line name & S. S. S.

From 4 to 8 PM Pair and pleasant dight buy from Oh. A. 9. 49. apprenties librity party returned British Steamship administer lift the port.

RD Look

Old Trodale Energy Q. S. ON.

Sem 8 PM to Min. Dair and pleasant. Light been to light air from AE Gready barmeter. Suman steamer "alin Choumann" went to da at 9.00.

L. M. Man.

L. M. namee Energy Oh. J. Oh.

Examined and found to be correct.

Hogy N. Galt. Sixtenant Oh J. M. Norrigator

LOG of the UNITED STATES Ship Essex. Third Rate, archor in Funchal Bay, Madeira

					WIND.				BAROMET	ER.	TEME	PERAT	URE.			5 4	1 2
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	StateoftheS
A. M.				John &	Qualle	0-1			30.31	70	68	64		b.c.m.	eum.	7	
2				NE.	Ch. NOt.	1			30.31						,	8	
3				North	N. S. O.	1			30.3/							6	
4						1			30.32	69	67	63				6	
5				NE. by N.	North	1			30.30					,		5	
6				N. ly Of.		1			30.30					. ,		6	
7.					Clauable	0-1			30.31							6	
8				ON. 90V.		2			30.30	71	70	66				6	
9					\$91. ly a.	1			30.29	73	73	68				7	
10				9.46.	. /	0-1			30.29			68				6	
11			NI WORLD	\$ 6. h. 8.		0-1			30.29							5	
Noon.				901. ly 9.	Ganable	0-1			30.29					•	-	5	

Course and distance	e made good since preceding noon by observations,	knots,		tenths.	
	Latitude by D. R.	0	,	"	
	Longitude by D. R.		,	"	
Position at Noon:	Longitude by D. R.  Latitude by observations of ⊙	•	,	"	
	Longitude by chronometer from Forenoon Observations of O		,	"	
	Latitude by		,	"	
Position at 8 A. M.	Longitude by		,	"	
		0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the					
	ss by Azimuth O observed at , ship's head	0	,		
3	mpass by Azimuth O observed at , ship's head	0 .		variation us	ed. o
	ss by Azimuth ⊙ observed at , ship's head	0	,		
}	mpass by Azimuth © observed at , ship's head	0	,	variation us	ed o
	ring the preceding 24 hours,	50	0	gallons.	
Water	during the preceding 24 hours,			"	
		/0	10		
	hand fit for use at Noon,	-	-		
	ng the preceding 24 hours,	tons, 6	100	108.	
Coal remaining on l	and at Noon,	. ,03 "	00		

P. M.									
1	96.	\$6	1	30.2876	76	70	b.c.m.	cir.cum	6
2			1	30.27 77	77	71			5
3	96.49		2	30.27 76					5
4	9.9%		2	30.26 76					4
5	<b>991</b> .		2	30.26 76	76	71			4
6			1	30.26 74					3
7	NO1. ly 04.	9.991.	1	30.27 75					4
8	. 1	<b>901</b> .	1	30.28 74					3
9	1.19.		1	30.29 74					5
10	N. lu Ot.	Clauable	1-0	30.29 74			1000000		7
11	1.16.	101.	2	30.29 72					8
Mid.			2	30.29 72					6

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a. 9n.

Pleasant wather, light have around housen. Light air from Ot. N. Ot. to N. N. Ot. Barrente steady, the neing a steamer left the harbor at 12.30.

J. M. Jardan, Lieutewant & J. D.

From 4 to 8 a. M

Figure and accounts following freel perfections for issue to caver 106/4 be beef 106/4

The softward and 86 lb. bread. By order of Commanding Office placed or specific deck from
"all hauds to evening haumock" following apprentices: It should be 5, for personal infraction
of ships rules belowing acquettes on possession; Owner, 76. I disobaluse of order turning in
braumock on brits deck while on auchor writels Beaman I. k. exting fruit while in space
deck on briad and water; and I wewan f., as prinning logged.

As Lineale

Burgo & IN

From 8 a. M. to Mend.

Bazy and pleasant. Light been from 994 by Ob first hour, decurring to high variable aire and color. Steady baroneter. Lad quarter dt 9.30, Commanding Office inspected ship and cour. Commanding Office paid an official creit to the civil and well-to. Downward of Madein. L. m. name

Eurign U. S.W.

From Merid to 4 P.M. Aleasant and bagy. Light air to light buy from FE. Barometer falling slowly. By order of Commonwhile Officer placed Merid Scaman under charge of Mater at arms for hung under the influence of intercepting legion. Enlisted in the D. I Barel Ferrico, to sever for three years Charles Oracerkin see Prints 2 class.

Leutewart N. J. M.

From it to 8 P.M.

Hogy and pleasant. Right Fally been to light air from 9.934. and 904.

Bacometer vising shorty By order of Commanding Officer alread from charge of Martin at aims.

Chillian Budh, France, and by same authority released from confinement Berne is J. and Di Loughles

J. appri 3 class, by renew of expiration of specied of confinement.

Energy Ou & A.

From 8 C. M. to Mid Charant and bazy Sight raise to light bruge from A Ch. and IN.

J.N. Jordan, Lewtenaut M. F.M.

Examined and found to be correct.

Roy Sientenant ON SON Navigation

LOG of the UNITED STATES Ship Essex.
Al anchor in Funchal Bay. Madeira

			Reading		WIND.				BAROME	ETER.	TEM	PERA	TURE.			100	1 \$
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	Stateofthe
A. M.				N6. by N.	n. l. a.	2			30.29	72	70	67		b.c.m.	cum.	7	
2			4	E. l. N.	N. by 21.	1.2			30.28					to to the	cum.	8	H
3				& W. 6.		1-2		1	30.28	100		1 .				9	
4				JI6.	J. N.G.	1			30.28							9	
5				J. ly Ot.	Canable	0-1			30.28	70	69	66				5	
6				.,	16.	1		-	30.28	70	69	66			-	7	100
7					balu.	0			30.30	70	69	66	148			5	
8				J. 94.		0			30.32	70	71	68				7	
9				Q1. NQ1.	Fu.	1			30.32	74	74	70		7		16	10
10				Oh. by A.		0-1			30.33						1	6	
11				West		0-1		1	30.34						cum stra	4	
Noon.			N. S. S.	F94.	Oh.ly g.	0-1			30.35	74	75	171	1			2	1

Course and distance	e made good since preceding noon by observations,	knots,	tenths.		
	(Latitude by D. R.	0	, "		
	Longitude by D. R.	0	, "		
Position at Noon :	Longitude by D. R.  Latitude by observations of ©		, "		
	Longitude by chronometer from Forenoon Observations of O	0	, ".		
	( Latitude by		, "		
Position at 8 A. M.	Longitude by		, ,,		
		0	, "		
Position at 8 P. M.	Longitude by	0	, ,		
Current during the					
	ss by Azimuth O observed at , ship's head		,		
1	mpass by Azimuth O observed at , ship's head	0	,	variation used.	
	ss by Azimuth O observed at , ship's head			variation used,	
1			,	variation used.	0
	mpass by Azimuth ⊙ observed at , ship's head	401		variation used,	
	ring the preceding 24 hours,	401	gallons.		
Water	during the preceding 24 hours,	,			
	n hand fit for use at Noon,	60	-		
	ing the preceding 24 hours,	tons,	lbs.		
Coal remaining on 1	hand at Noon,	105 " 78	30 "		

						100				
P. M.									1334	
1	IN.	Q. 994.	2	30.84 75	75	71	b.o. m.	am mind	. 4	
2	West		2	30.33 75					4	
3			0-1	30.33 76			0.0.m.		0	
4	91. h. N.		2	30.33 75					0	
5	Qu. ly g.		1	30.33 75					0	
G	Ql. ly A.	-	1	30.33 74			b.e.sw.		1	
7	Ot bly of		1	30.33 74					3	
8			1	30.36 74					5	
9	N. OU.	Variable	0-1	30.36 73	71	68	b m. w.		6	
10	9. ly 8.		0-1	30.36 72	71	68		cum strak	6	
11	19. ly 94.		0-1	30.36 71	69	66	"		7	
Mid.	N 91. ly 1.		0-1	30.38 71					7	
100	1				1					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communica and until 4 a.M. Clear and pleasant, bright starlight. Light air to light beeze from I by th., elifting to N. N. E. last how. Baroheter fill elightly. From 4 to 8 a. CM.

Chav and pleasant, high rained Noly air to calm. Riving bacometer.

Because in Dept. of Eupphir and accounts, fresh provider as follow: 106/4 bbs each of buf and argetables and 85 bbs. brad. Reconficied on quarter deex at "all hands" for officer as stated in yesterday's morning watch, Owner L. F. Cyp 3 class.

The name Eurign Q. J. M. From 8 a. On. to Merid. Fair and pleasant, light haze or mich on the land balow and light ain from 40 to 0 to 9. 3 Baronter neing 0 9. 30 menteus and inspected at quarter and afternands sourced Conde Dinsins Juney instruction: 14 Dinsin, grad gene: 24 single sticks: 3rd sighting drill Carreied apprehices at segnals during 2rd period By order of Commanding Office, placed D. 9. Pearson apprehices at segnals during 2rd period By order of Commanding to await trial by court martial, for direct distribution of order By order of Commanding Officer, charles Observed With 2 class was their day rated blue Quartermarter. Leutenaul M. J. M. Orme Merid to & G.M. Cludy to much smit must met be land. Balow to light bress from & 9.8%. Bavouter fell alightly WI. the laint General of Madeine paid an official with to the Commanding Officer, at his departue find a salute of 17 gues, Totagues County at the form The form of the form of the form of the form of the form of the form of the county of the form of the county of the form of the county of the form of the county of the form of the days leave of absence. I gen for gun boundarder & I then form the the ship on the days leave of absence. I generally the ship of the days leave of absence. B, Luby On A. D. From 4 to 8 P.M. Pleasant and hazy. Sight air from 96, 994. Barometer steady then rising at 5.45 and down topgallant yards. J. Jr. Jordan. Ducterant M. F.M. From 8 G.M. to Ohid. Partly cloudy and pleasant. Calm to light variable air Barometer steady. Builtmant Q. J. A. Examined and found to be correct. Ry H. Salt Sewitenant & S. M. Navigator

Thud Rate,

LOG of the UNITED STATES Thip Essex.

At anchor in Funchal Bay, Madeira.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			ibs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				16.ly6.	Panable	0-1			30.38	69	69	66		b.c.m.w.	eum nine	. 4	
2				6.46.	Sorth	2			30.38							4	
3				36		2		1	30.38					,	,	6	
4						2			30.89							5	
5				N. NOV.	,	1			30.40							5	
6				NOt by A.	1.16.	1			30.42							5	
7				904	Variable	0-1			30.43					b.c.ms	cir cum	4	
8					P	0-1			30.43							6	
9				FON h. g.	\$9v.	1			30.48							5	
10				991		0 -1			30.43	74	72.	70				2	
11				991. h.g.	Variable	0-1			30.43						Cum etra		
Noon.						0-1			30.43		1 .				,.	1	

Course and distance	e made good since preceding noon by observations,	knots, tenths.
	Latitude by D. R.	0 , "
	Longitude by D. R.	0 , "
Position at Noon:	Latitude by observations of O	0 ' "
	Longitude by chronometer from Forenoon Observations of ②	0 , "
	( Latitude by	0 . , "
Position at 8 A. M.	Longitude by	0 , "
4.	( Latitude by	0 , "
Position at 8 P. M.	Longitude by	0 , "
Current during the	time, knots tenths per hour, setting to the	
(Error of the Compa	ass by Azimuth O observed at , ship's head	. ,
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used, o
(Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Co	ompass by Azimuth © observed at , ship's head	o / variation used, o
Water expended du	ring the preceding 24 hours,	450 gallons.
Water	during the preceding 24 hours,	6
Water remaining or	n hand fit for use at Noon,	150 "
	ing the preceding 24 hours,	tons, 640 lbs.
Coal remaining on		105 " 140 "

P. M.										
1	J. 9 CM.	FOV.	1	30.42	74	75	71	b.c.m.	cum strat	13
2	Fa. 6 9		1	30.42					,	2
3	f. 49i.	9.5%.	1	30.40						2
4	F.91.		1	30.40						3
5	9. ly 8.	Prest	2	30.40						5
G	Olish		2.3	30.39	76	79	74			6
7	Q1.9Q1.		2	30.39	74	75				4
8	The &		1-0	30.41						5
9	The Ot.	Cariable	0-1	30.41				b.c.m.w.		3
10	Fally ov.	Calm	0	30.42				4 3 6 5 6 5		3
11	Qr. Ja.	,	0	30.42			70	0.0.0w.w.		0
Mid.	Net.	Gariable	1		74		70			0

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Cheather fair and pleasant, with light aire to bey from North. Barmeter steady.

Wis Whiteley De & S. De Service Van Son

From 4 to 8 a. M. Plearant and hary dight buye to light airs from North and N. N.E. Barmete neing. Account on brand in Dept. of Supplier and accounts 106/4 lbs each of fresh buf and origitables and 85 lbs. brand.

9. N. Jordan.

g. N. Jordan. Lieutenant Ch & G. .

From 8 a. Me to Merid.

Cloudy but pleasant balm to light air from 9 M. first half then ranable Barmeter steady. At 9.30 mustered and inspetted at quarter at 9.45 called all brands rand covered tripogallant yards rand loved sails to a builtimi. At 10, called away all brate exercised under rand and sail returned to the skip at 11.05. Thomas M. Peaum Ap 3 con was furnished with a copy of apenfication of offener preferred against him by John Lagrange & J. Sting. M. J. M. at 9.30. Destard magazine flood cooks and found them in order & builtimant & S. M.

From Pheird. to 4 P.M. .

"Reacther fair and pleasant Light aire from F.M. to 0.994. Baronette falling. Whit clock fulled pail. Brot error carrecard under varie and sail. Received in Equipment Dept. 2900 gallow feels water.

Leutewart 91.99

Fam 4 to 8 P.M. Partly closely and pleasant balow to light brey from Other Barometer fell alighely at first them commerced to rice. At 5.45 called all hands and sent down toggetlant yards.

. From 5 P.M. to Mid. Reather cloudy but pleasant balow to light variable airs. Barmeter steady.

Wir Whiteley Determent On . S. On.

Examined and found to be correct.

Rogen St. Salt Builtuaut Ch. S.W. Navigator

LOG of the UNITED STATES Ship Essex.

Al anchor in Funchal Bay, Madeira.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of		lear the	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths.	Stateofthe
A. M.															136		
1				Gast	Variable	1-0			30.42	72	71	68		b.c.m.w.	un stiet	3	
2				NE. 4 6.		1-0			30,42	72	71	68	-	"		4	
3				NO.	N.NE.	2			30.42	72	71	68		3924318		8	
4				16.46.		2			30.42	71	70	67				8	
5						2			30.42	71	70	67				7	
6				Stell by N.		1			30.41	71	70	67		b.c.m	"	7	
7				196.	Variable	2			30.43	72	71	68		"		7	
8				Obest.	Chest.	2			30.48			68			-	6	
9				C4. h. g.	Ot. ly 8.	1-2			30.42	1	1	69				8	
10				91.901.	,	2			30.4						cin stal	9	
11				91. h, 8.		2			30.40							9	
Noon.				OH. \$ 94.	Otest	2			30.48							9	

Course and distance	e made good since preceding noon by	observations,	knots,		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		•	,	"		
	Longitude by chronometer from For	renoon Observations of ⊙	0	,	"		
	( Latitude by		•	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	( Latitude by		0	,	"		
Position at 8 P. M.	Longitude by				"		
Current during the	time, knots tenths per	hour, setting to the					
( Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0			variation used,	0
(Error of the Compa	ss by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used,	0
Water expended du	ring the preceding 24 hours,		5	00	gallons.		
Water received	during the preceding	24 hours,	29	00			
.Water remaining or	n hand fit for use at Noon,		26	50			
Coal consumed duri	ing the preceding 24 hours,		tons,		lbs.		
Coal remaining on	hand at Noon,		105"1	40	"		

P. M.							
1	04.994.	9. ly 9.	2	30. 42 76	77 72	b.c.m.	cir. strat 9
2		OH . 9 OH .	2	30.41 77		4	, 9
3	991.		1-2	30.40 77	77 72		. 8
4			1-2	30.39 77	77 72		. 8
5	Q1.9Q1.	200	1-2	30.36 78	77 72		. 8
6	991. ly 94.		1-2	30.36 77			. 7
7	Ot by A.	Canable	0-1	30. 36 76	77 72	,	cum strat y
8	Meet		0-1	30.3976		,	" 7
9	9. ly 9.	18.	1-0	30.4074			. 6
10	Or.ly A.		1-2	30.4173		1	cum wint 3
11	fof ly or.		2	30.42 74			. 3
Mid.	વા કર્મા		1	30.42 74			" 2

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and with 4 a.M. bloody to clear and pleasant balus light variable and Noly air. Fteamer from I Cold standing off and on harbor.

RD Tisdale Eusign Ch. J. P.

as Linksle

From 4 to 8 a.m. Grow 4 to 8 a. M. Chew and pleavant. Light air to light hery from 4 46 first half then hight variable raise light hery from Prest last love. Baroneth rose slightly barried not morning order Librit, party returned. By order if the bonusading Office 3. to the Legunia (a. 3.c) was enfined to the grante deck for 3 days or broad and water from all hands in the morning to hannowske in the evaning: Office, Disobrduce of order Received in Dept of Depplie and accounts 106 1/2 lb. hof 106 1/4 lb. nightable and 85 lb. Grad.

Leutenant 96. J. Dr.

From 8 a. 9n. to Merid.

Obserted clear and warm Light been from 9h by 9 to But. Barometer rising. At 9.30 must not apparent reflect carried at awaing up and down light yards. At 10.05 the Funumary bour Martinet of which Link. Regions to Ital 9h. 9.9n. was derived member, commend for the trial of J. 9h. Peacen app. 3 elser and at 11.26 adjunied to await the action of the comming authority. Received from the 9h. 9. a Portugues attained came in from the 9h. and 6d. Linterant 9.90.

From Pheid. to 4 9 m. bleav hautiful wrather Light bey from Ch. 994. British steams Frot left the port stranding to 9d. Level librity sparty of apprentice ashon.

OD. Linda

Eneign Qu. J. M. From 4 to 8 P.M. Cheather clear and pleasant balow to light buy from M. 991. Barometer fulling. At 4.30 earwind appendices at opposition bility party of appendice returned.

WBW hitelsey Suitewant M. & 9.

Dean & P. M. to Mind but pleasant. Light & By air and huger. Mornlight. Of Lindale Eurign Q. S. Dr.

Rayer H. Galt Salt Savigation

LOG of the UNITED STATES Thip Essex.
At anchor in Funchal Bay, Madeira.

			Reading		WIND.			BAROMETER.	TEM	PERAT	URE.	State of		Per .	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Height Ther. in inches. att'd.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Wenther, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				South	Chanable	0-1		30.41 74	72	69		b.c.m.	cum sumb	2	
2						0-1		30.39 74	72	69				3	
3				"		0-1		30.38 73				1000		3	
1					Plut	1		30, 38 73	72	69		"		5	
5				9 h, E.	Calm	0		30.38 73	71	69		"	100000	3	
6				99. ly 9.		0		30.38 73				"		5	
7				Ox la g	Okul	1		30.38 73				t. 1		6	
8	-			Ch 9 94		1		30.86 72						7	
9					Qu. hy F.	1-2		30.36 73					cum etiel	1	
10					7	2		30.36 74		1000					
11				94. by 8.		2		30.35 75					cir. cum.	8	
Noon.				7.		2		30. 07 76	77	172			-	8	

Course and distance	e made good since preceding noon by observations,	knots,		tenths.		
	Latitude by D. R.	0	,	"		
	Longitude by D. R.		,	. " .		10
Position at Noon:	Latitude by observations of O	0		"		
	Longitude by chronometer from Forenoon Observations of O		,	"		
	Latitude by		,	"		
Position at 8 A. M.	Latitude by	100		"		
			,	"		
Position at 8 P. M.	Longitude by		,	"		
Current during the						
	ss by Azimuth O observed at , ship's head		,			
}	mpass by Azimuth O observed at , ship's head				variation used.	0
					variation useu,	VB II
}	ss by Azimuth ⊙ observed at , ship's head					
	mpass by Azimuth ⊙ observed at , ship's head	4 8	7		variation used,	0
	ring the preceding 24 hours,	7		gallons.		
Water	during the preceding 24 hours,	4				
Water remaining or	hand fit for use at Noon,	210	200			
Coal consumed duri	ng the preceding 24 hours,	tons, 6	40	lbs.		
Coal remaining on l	nand at Noon,	104 1	70	0 "		

1	Ql. ly 9.	Q. 4 9.	3	30.35 76	77	72	l.c.m.	cir. cim .	7
2	QL. 991		3	30.85 70					7
3	91. h 8.		2	30.33 77					6
4	Q1.9Q1.		2	30.31 7					6
5			2	30.81 7				,	6
6			2	30.30 7					7
7			1	30.30 75					7
8	Qt. ly N.		0-1	30.31 74	74	69			6
9	Non.	(Vanable	0-1	30.82 73			b.c.a.w.		8
10	J. O. ly Ot.		0-1	30.83 73	72	68	-	10000	8
11	or Son.		0-1	30.83 72					8
id.	19.		0-/	30.32 72					8

# Commander & T. Strong , U. S. Navy, Thursday July 23 , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and with 4 a.O.M. Cloudy and pleasant. Calm and light wantle and Phetily airs. Barometer falling slowly. Montaght between clouds. L. m · Hame Energy Ob . I. ON. From 4 to 8 a Orm 4 to 8 a. M. Oheather cloudy, cleaning towards and of watch boalow to light air from Orest. Bowneter falling. English steamer came in from the The and 8th. Received in Dight of Impelies and accounts 106 to 106 to 106 to 10 magetables and 86 lb. broad. By order of Commanding Officer, 13. Brance of 3 de, was confused in quarter deck or broad and unter for 3 day, from all broads to braneworld, for hinch should use of order and & 36 yet, a 3cl., I day, for perioted infraction of the rules of the ship, having engagettes in his possession I a. Keymin a. 3cl., was confused in accordance with order as intend in the log of 22th med. WBWhitelery Sin . From 8 a. M. to Merid bleav and pleasant Light berge from Ch. by I Mustered at quarter at 9.30. Excrecised apprentix battalion . Portugues steamer Function and British mail stranscrebet the port bonumander E. T. Itang, A. I. W. returned from leave of absence. R. Lisa R.D. Godale Energy W. J. M. From Preside to at P. M. Clean and pleasant. Gentle to light been from Ph. ly of Palling barroweter . Fest librity party of apprentices ashore at 10 clock. The up main topmast backetage. Commanding Officer left the ship on two days lean. Eurign Q. F. Ph. From 4 to 8 C.M. Clear and pleasant Light breeze from Oh by I dibuty party of apprentices returned Promplight. RA Grodale Eneign Qu. 9.9. Burn 8 P. M. to Mid. Chan and pleasant with heavy dear baker to light wanish airs. Bught monlight. L. m. name Eusign Ou. J. Ou

Examined and found to be correct.

Roger Stalf Sax Harinaan

LOG of the UNITED STATES Thip Essex.
At anchor in Gunchal Bay, Madeira.

			Reading		WIND.				BAROMET	rer.	TEM	PERAT	TURE.			Pear Des	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				Oh. by N.	(Farrable	0-1			30.30	72	71	68		b.c.m. w.	cum strad	7	
2				Oh thy 9	,	0-1			30.28							7	
3				J 91 h, 21.		0-1			30.27			68		1400		7	
				100.		0-1			30.27	71	70	67				6	
5			*	Buth		0-1			30.27	71	69	67				6	
6				991. ly 24.		0-1			30.27	72	71	68		b.c.m.		6	
7				0		0-1			30.26	73	72	69				7	
8				Q1.991.	9. hy 9.	1			30.25	74	73	70				6	
9				Otel	04. ly 9.	0-1			30.24	74	75				-	8	
10				ON. 994.	.,	0-1			30.25	76	77					7	
11				991. ly 84.		0-1			30.24	76	77	73				6	
Noon.				. 0	Canable	0-1			30.26	77	78	73				5	
															1000		

Course and distance	e made good since preceding noon by	observations,	knots,		tenths.	
	(Latitude by D. R.		•	,	"	
	Longitude by D. R.			,	"	
Position at Noon:	Latitude by observations of O		•	,	"	
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"	
			0	,	"	
Position at 8 A. M.	Longitude by	4 96 6		,	"	4.5
			0	,	"	
Position at 8 P. M.	Latitude by		0	,	"	
Current during the		hour, setting to the				
Error of the Compa	ss by Azimuth O observed at	, ship's head	0	'		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	٥			variation used, o
Error of the Compa	ss by Azimuth O observed at	, ship's head		,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,		variation used, o
Water expended du	ring the preceding 24 hours,		4	00	gallons.	
Water	during the preceding	24 hours,			"	
Water remaining or	hand fit for use at Noon,		17	00		
Coal consumed duri	ing the preceding 24 hours,		tons,		lbs.	
Coal remaining on l	hand at Noon,		tons,	700	y "	

					the second second second	
P. M.						
ſ	O4.904.	Qanable	0-1	30.25 78 77	13 b.o.m.	cum street 4
2	Othy g	O4.804.	1-2	30.24 78 77	13	. 4
3			1-2	30.22 77 77	13 .	. 4
4	04.904.		1-2	30.21 76 76 7	3	2
5			1-2	30.22 76 76 7		. 4
G	9. ly 04.	Variable	1	30. 22 76 76 7		. 3
7	for ly f	,	1	30.22 75 75 7		. 4
8	86. ly 6.	"	1	30.2174 757		. 6
9	34.3		0-1	30.2074 757		. 6
10	NE.ly N.		0-1	30. 20 74 75 7		. 5
11	Orest	6.48.	2	30.20 74 73 7	10 "	. +
Mid.	Jel.		2	30.20 73 73 7	0 .	- 4
				1 1 1		

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewced and until # a 9h. Bleav and pleavant employ our the land Heavy dew balow and light variable airs. Barmeter falling their steady. J. Sr. Jordan. Lieutenant On J.M.

Oum 4 to 8 a. On.

bleav and pleasant. Calow and light variable and Ot. by I air Received in Fupplies and Ot. by I air Received in Fupplies and account following freels providing for secure 106/4 blo buf 106/4 blo. but 1 Eurige W. S. M.

From 8 a. On. to Mend. Bowmeter ring slowly board pleasant to clondy balow and light variable aux.
Bowmeter ring slowly bad quarter for imperture at 9.30 and at 9.35 sounded to bewall
Buarter, all Minister reported ready in 3 minutes 10 seemde Frenced at 10.10. At 10.11
sarreign at Fin Swarter, and abandon Ship, lowing all brate except bannelse Frenced
at 10.00

Lunga W. S. M.

From Oresid to 4 P.M. Pleasant and basy Light air to light been from Ch. 991.

Barometer falling The English strame "Obidence" entred and left the barber during weetch. Engagen in examining apprentices.

J. N. Joseph Scienting of the Contract of the Cont

J. N. Jordan Dieutenant & S. R.

From # to 8 P.M. Oleasant and hay sight wanable air and light Ob. 90 by heyer. Steady barmeter Sibrity party of applicatives returned But librity party of new or sam.

Enign Q. J. Q.

Ening & P. M. to Mid .

Clear and pleasant. Bright mornlight. Light variable air and light buys from E. N. E. Barmets steady.

1. N. Jordan

Sientenant 91. 9.9.

Examined and found to be correct.

Thy Lieutenant Ch. F. Oi. Navigation

LOG of the UNITED STATES Phip Essex. an anchor in Funchal Bay, Madeira.

-								-		the last				Maria Control of the			
			Reading		WIND.				BAROME	ETER.	TEMI			State of	Forms of	Hear Kha.	- Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches	Ther.	Air, Dry Bulb.	Air. Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
A. M.				South	North	1-0			30.20	75	73	70		b.e.m.	cur stral	4	
2						1-0			30.19	73	72	70				3	
3				East	9.901	1-2			30.19						10.30	2	
				f. 901.	North	1-2			30.18							1	
5				6.46.	Calm	0			30.18					b.c.m.w		4	
6				Jr. N. 94.		0			30.18					b.o.m	eis . cur	5	100
7			1			0			30.18							6	
8				West.		0			30.19			72				7	
9				01.804.	FOV.	0-1			30.19			72		100.4		8	
10				901. h. 91.		0-1			30.19					300		7	
11		1100		0		0-1			30.19				1			7	
Noon.					-	0-1			30.20							6	
												-	-	1			

Course and distan	ce made good since preceding noon by observations,	knots, tenths.
	Latitude by D. R.	. 0 , "
0.10.01011	Longitude by D. R.	0 1 "
Position at Noon :	Latitude by observations of ②	0, ","
	Longitude by chronometer from Forenoon Observations of ②	0 / 11
	( Latitude by	0 , "
Position at 8 A. M.	Longitude by	0 / "
		0 , "
Position at 8 P. M.	Longitude by	0 1 11
Current during the	e time, knots tenths per hour, setting to the	
(Error of the Comp	ass by Azimuth O observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at , ship's head	o variation used,
(Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O observed at , ship's head	o , variation used, o
Water expended d	uring the preceding 24 hours,	500 gallons.
Water	during the preceding 24 hours,	was a state of the
Water remaining of	on hand fit for use at Noon,	1200 "
Coal consumed du	ring the preceding 24 hours,	tons, 640 lbs.
Coal remaining on	hand at Noon,	104 " 1060 "

						134			
P. M.					-			17	
1	Chest	91.991.	2	30.19 78	78	75	6.0.m.	eir.cum	6
2	04.904.		2	30.19 78					6
3	Check	Otest	3	30.19 77					6
4		"	3	30.19 78	77	73			5
5		,	3	30.19 78			f.o.		6
6			3	30.19 78					7
7	191. ly 94.	,,	1-2	30.21 76	76	72			8
8	91.191.		1	30.23 76			f.o.w.		8
9	191.6,01.		1-0	30.24 75	75	71			8
10	1.161.	North	1	30.26 75			- 100	eum.	8
11	404.		1	30.26 74	73	70		.,	8
Mid.	Ql. by A.		1	30.26 74	141	70			8
	1				1.	1			1

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

· Commenced and with + a. M. Sludy with high monlight and moderate dew. Sight aim to gentle breeze, variable in direction. Barometer falling alonely. J. Suby, Suitewant & Sa. Oum + to 8 a.m. hom Earcuted mounting orders. Received in Tepl of Supplies and Recounted fresh provisions as follows: 106/4 lbs each of bird and rightable 55 lb brad. Recomputed on quarter desk at all bounds, Browner, B. J. a. 3 class. For officer as purmely begged. L. m. name. From 8 a. On. to Meid.

Fair and pleasant balos and light air from \$0. Bavometer attends then naming. By order of Commounding Officer released D. O. Pearson (app 3 class) from anigh une on account of his bring placed in air list. Placed him in case of Lungom of the chip as a present at large Commounder & 3. Tring , a. T. O. returned on broad from two stays leave. E. Survey (the Book, class), attended on brand from hospital on show. Leitenant W.J.M. From Orende to 4091.

Dair and pleasant Light to gutte heer few Or Fol. and Obert.

Barometer fell elightly first home. Few librity party of mew and boys on about.

Lightward Ob J. R. From + to 8 P.M. Leaven and pleasant Gentle here from Obest decreasing to light eine latter part of watch Baronto riving. From 8 P. to Mid. Blear and pleasant, bright mornlight heavy dew balow to light air from Phet at first thew from North Barmeter river first them at about the attacky. St. Subject on San Roger H. Galt . Savigator

4-20

LOG of the UNITED STATES Thip Essex. Third Rate, and anchor in Funchal Bay Madeira.

			Reading		WIND.				BAROMETER.	TEM	PERAT	TURE.	State of		lear the	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther.	Air, Dry Bulb.	Air. Wet Bull.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the
А. М.				Selv.	J. N. W.	1			201~72	70	1-		b.o.w.			
1				S. Sel.		,			30.27 73				U.S.U.	Cer.eum.	6	-
3				E. hydr.	N. ly 91.	1	11.		30.26 71					"	6	
4				16.		1			30.26 71						7	
5				194.	Crawable	1-0			30.26 70				. "		4	
6			16.0	ME.lyN.		1-0			30.28 70						7	
7				J.88.	balm	1			30.30 75	74	71		,	"	6	
8				W. ly N.	Q1.8.Q1.	3			30.2975	74	171				3	
9	3			Otell		3			30.29 75	74	71		b.c.m.	D : 100	4	
10		30				3			30.29 76					cum etial	7	
11			3545	Ch. by 9.	"	3			30.29 76	177	74				6	
Noon.				·.		3			30.30 78	78	75	1		munt.	5-	

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 , "
Longitude by D. R.	0 , "
Position at Noon : Latitude by observations of O	0 / "
Longitude by chronometer from Forencon Observations of	0 , "
(Latitude by	0 / "
Position at 8 A. M. Longitude by	0 , "
(Latitude by	0 , "
Position at 8 P. M. Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the	
( Error of the Compass by Azimuth O observed at , ship's head	0 ,
	o variation used.
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	
( Deviation of the Compass by Azimuth © observed at , ship's head	- Tallation and
Water expended during the preceding 24 hours,	<b>6</b> 00 gallons.
Water Necewd during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	2500 "
Coal consumed during the preceding 24 hours,	tons, lbs.
Coal remaining on hand at Noon,	104 " 1060 "

				1						
P. M.										
1	9.99.	Q1.8Q1.	2	30.30 78	78	75	b.o.m.	mint atras	4	
2	·		2	80.30 77				-	2	
3	301. h, 04.	Sev.	2.3	30.30 77					4	
4	04.9001.		2	30.30 78				cir etral	4	
5			2	30.30 78				,	5	
6	Inth	\$8.	2	30.31 70					4.	
7	9.991.		2	30.32 7					4	
8	96.46.	6.96.	2	30. 83 74			f.c.m.w.	our wint	4	
9	.,		2	30.34 74			0		7	
10			2	30.35 74					7	
11	16. by 6.	East	1-2	30.36 73	73	70	4		5	-
Mid.	16. by 6.		0-1	30.36 73	72	69			4	4
and the same of th									ALL OF THE PARTY OF	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Lommence and until 4 a. M. Cheather clear and pleasant, with light airs from A. N. Ch. to A. by Ch. Barometer steady. W. W. Whiteley Dieutenant & J. R.

Oum H to 8 W. M.

Dair and pleasant bodin and light variable air from Not. and Ot. S. Ot. Baronette rising them falling. Received on braid in Text of Supplied and accounts 107 ha lbs. each of feels before vigitables and 86 lbs. brook. By order of & minauding Officer confinied & B. Paro (App. 3 class) on quarter deek from a M. to P. M. hammaker. for the saye, on braid and water for refering to obey the order of apprentice Petty Officer.

J. S. Jordan. G. S. M.

Orom 8 a. m. to Merid.

chan's v. An is created to fair and micty. Gentle been from Oh Il. Bavaneter were elightly at 9.30 mustered and inequated at quarter Commanding Officer inspected ship and how. At 10.15 the Rev. On Smart of Finish led Dinne Sinher on the quarter deck.

Sent Junt W. S. O.

Wiswhitelsey Lientenant W. S.M.

From 4 to 8 4.9%.

Cloudy and pleasant, heavy dew last half Right breef from IN at find alifeting to IE and E. IE Barometer hiring slowly. Estity part, of apprentices returned By role of the Commonwhing Officing I. I directing appropriate and h. R. Ross, app3 class. Are placed under charge of the models at arms in the hith deet, they having actioned from librity drukt. St, du Lieutenant 9.89.

From 8 990 to Mid. Or eather fair clouding up a little during latter part of watch Light air to huge from E. 96. to East. Barmeter steady.

WBWhiteley S. M. S. M.

Roger St. Galt. Savigator

LOG of the United States Ship Essex. At anchor in Funchal Bay Madeira.

			Reading	COURSES STEERED	WIND.				BAROMI	ETER.		PERA		State of	Forms of	of Clear in 10ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height'	Ther.	Air, Dry Bulb.	Air. Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop of Sky, in 10	Stateofthe
A. M.				N€.	Quable	1-2			30.36	72	71	68		b.c.m.w	cum at al	1	
2				North		1			30.36							5	100
3				J. h. E.	South	1		+1	30.36	71	70	67		MA AND		7	
				No.ly6.		2			30.36							9	
2				JUE.		1			30.37			1			,	7	
6				ME. h. M.		1			30. 89					b.c.		7	
-				8.18	Vanable	0-1		148	30.41							6	
8	0		3.5	96.46.		0-1			30.42					17-35-4		6	
9	+			901	*	0 1	4		30.40					b.c.m.	1	7	
10			3000	Heet		0-1			30.41					48000		6	
11			Wind !	Ch. 191.	Prest	0-1			30.41						100000	5	
Noon.				Olest	9.501.	,		1000	30.41	78	78	174				5	
											-	1					

Course and distance made good since preceding noon by observations,	knots, tenths.
· (Latitude by D. R.	
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of O	
Longitude by chronometer from Forenoon Observations of O	
Position at 8 A M (Latitude by	0 1 11
Position at 8 A. M. Longitude by	0 / //
( Latitude by	0 / 11
Position at 8 P. M. Longitude by	0 1 "
Current during the time, knots tenths per hour, setting to the	,
( Error of the Compass by Azimuth O observed at , ship's head	• ,
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
( Error of the Compass by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	Y
Water remaining on hand fit for use at Noon,	2/00 "
Coal consumed during the preceding 24 hours,	tons. Ibs.
Coal remaining on hand at Noon,	163 " 1900 "

	lm 0 nable 0-1	30 30 30	.39	76 76 78	78 78 78	74 74 74	b.o.		cum mind	6 4 6 5 6
alson. Qua	lm 0 nable 0-1	30 30 30	.39	76 76 78	78 78 78	74 74 74				1
alson. Qua	lm 0 nable 0-1	30 30	.39	76	78 78	74			:	1
alson. Qua	uable 0-1	30	.37	78	78	74				1
		30								6
	0-1							Contract of		
		30	78.0							8
West Of	est 1-0									6
North 60	Um o									8
J. ly 6.	. 0						b. c. m	·w		4
\$6.46 Qa	nable 0-1									+
96. hg. 6	alm o									5
16. C. C. Qua	usble 0-1									5
	North bo N. by E. FE. by E. • Ma FE. by F. • Co	North boalm 0 1. ly 6. 46. ly 6. 96. ly 7. loalm 0	North balm 0 30 A. ly E. 0 30 FE ly E. Panable 0.1 30 FE ly F. looku 0 30	Noch balm 0 30.54 N. ly 6. 0 30.38 FE ly 8. Queable 0-1 30.39 FE ly F. lockm 0 30.39	Noch balm 0 30.25 75 1. ly 6. 0 30.38 75 48 ly 8. Panable 0.1 30.39 75 48 ly 4. loolin 0 30.39 75	Noch balm 0 30.06 75.75  1. ly 6.  3. 38 75.75  3. ly 6.  3. 39 75.74  3. ly 5.  4. ly 6.  3. 39 75.74	North balm 0 30.25 75 75 71  1. ly 6. 0 30.38 75 75 71  36 ly 6. 9auable 0-1 30.39 75 74 71  36 ly 5. lalm 0 30.39 75 73 70	North borlow 0 30.08 75 75 91  1. by 6. "0 30.38 75 75 71 b. n. m  48 by 8 Panable 0.1 30.39 75 74 91  48 by 4. loalow 0 30.39 75 73 70	North born 0 30.06 75 75 91  1. by 6. 0 30.38 75 75 71 bumur  46 by 6. Panable 0.1 30.39 75 74 91  46 by 4. born 0 30.39 75 73 70	North borlow 0 30.06 75 75 91  1. by 6. 0 30.38 75 75 71 b. nom.ur 46 by 6. Panable 0.1 30.39 75 74 91 46 by 4. borlow 0 30.39 75 73 70

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewed and with 4 a.M. . Fair to clear pleasant writher Light ranable and Northely air and huger. Bright mombight. ad Sindale

Eusign W. J.M.

From 4 to 8 a. M. Chav and pleasant Light are from North first half, calm to light variable are last half. Barmeter runing Prade preparation for coaling. At 1 cral lighter came alongwise; up to 8. had taken in 1744 true. By order of Combinauding Officer released J. J. authing app 3 clase, and R. R. Rose, app 3 clase By the came and that y confind b. H. Paro app 3 clase, on the quarter deep, on brand and water from all lands to hammedle to seem out the emergence for his principles. A full the major and the emergence for his principles and all lands to have been of Jupplier and accounte, 107/2 lbs. hef, 107/2 lbs. nightable and 86 lbs. brand.

Signinant Qu 9.00. From 8 a. M. to Mend.

Obeather clear and pleasant, clouds attling one the mountains at end of watch balon to light airs from Obert to B. II. B. arounted steady. At now finished evaling ship having decived in Equipment Tept. 60 true in all.

W.B.Whiteley Suntant 9 9 2

From Merind to 4 PM. Dair and pleasant Eight & Forly airs and calm. British mail steams "Chorman bound to Nid., came in and awalked at 12.40. Engage in cleaning up ship. Robbindale

Ensign Q. J. M.

From 4 to 8 P.M. Deather clear and pleasant balow to light variable and Barometer steady. English mail stramer Framan left the hash at 5.15.

Willhiarley Q. J.A.

Fum 8 P.M. to Mid

Fair and pleasant balus and light variable dies Murlight

assistale Enrige W. F. M.

Examined and found to be correct.

Rogers A Salt Steintenant On J. M. Navigasion

LOG of the United States Thip Essex Third Rate,
We anchor in Tunchal Bay, Madeira

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of		lear ths.	P. See
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	Stateofthe
1. M.				JV&.	Quable	0-1			30.39	71	70	67		b.c.m.w.	cum.	7	
2				6. by N.	V6.	1			30.38	70	70	67		.,		6	
3				North		1			30.07	70	70	67				4	
4				NOW. by N.	.,	1			30.37	70	70	67				5	
5				JOW.	North	1			30.37	71	70	67				5	
6						1-2			30.37	71	70	67		b.c.m.	cir eum	5	
7				Okeek	Ovanable.	0-1			30.40	72	71	68				5	
8				Oh. ly J.		0-1			30.86	,		69				5	
9				. 1	94.994.	1			30.36	74	74	71			eir cum	7	
10						0-1			30.35					. '		7	
11				Otest	1,000	0-1			30.35							8	
oon.				04. ly 9.		0-1			30.86				100	•		8	

Course and distance	e made good since preceding noon by	observations,	knots,	tenths.			
	(Latitude by D. R.		0	, "			
	Longitude by D. R.		0	, "			
Position at Noon:	Latitude by observations of O		0	, "			
	Longitude by chronometer from For	renoon Observations of O	0	, "			
	( Latitude by			, "			
Position at 8 A. M.	Latitude by Longitude by			, "			
			0	, "			
Position at 8 P. M.	Longitude by		0	, ,,			
Current during the		hour, setting to the					
	ss by Azimuth O observed at	, ship's head	, ,	,			
1	mpass by Azimuth O observed at	, ship's head	. 0	,	variation used.	0	,
	ss by Azimuth © observed at	, ship's head	. 0	,			
}	mpass by Azimuth O observed at	, ship's head	0	,	variation used,	0	,
	ring the preceding 24 hours,		60	o gallons.			
Water	during the preceding	24 hours					
	hand fit for use at Noon,		150	<i>"</i>			
	ng the preceding 24 hours,		tons.	40 lbs.			
Coal remaining on 1			163 "12		, ,		
com remaining on	and at 1.00n,						

M.									1	
1	Q1. h, 8.	9.99.	1	30.34	78	80	75	b.o.	air.cum	7
2	Q1.994.		1	30.33	79					7
3	,,		1	30.31						8
4	Hest		0-1	30.29	80	86	77	b.v.m.		7
5	04.404.		0-1	30.28	78	84	76	"		6
6	W. by of.		0-1	30.28	79	84	76			6
7	991.	Variable	0-1	30. 24	78	81	76		cum ette	6
8	₹6. GE.	N. N. 24.	1	34.32				b.o. m.w		6
9	East	Variable	1-0	30.35				1	0	5
10		NE.	1	30.35	74	75	71		ing.	4
11	6.88.		1	30.34	74	74	7'			4
fid.	£ 6, €.	19.	1	30.32				1		5

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewce and with 4 a.M. blear and pleasant, heavy dew Light NEly air Barmeter falling elightly. Morrhight.

L. m name Ensign W. S. Dr.

WBWhitelsey Liewtewant W. J. M.

From 8 a. M. to Mein. Clear and warm. Calon and light & Foly and Ab 9.30 mutered at quarters Earnered boots crews at arm and army for cutting out service. Bout light early. Eurign Qv. J. 9.

yande and but the gear. Bent the madeail I HOTY aire. D'elling baromète. Corred light yande and but the gear. Bent the madeail I HOTEKU The at 12 3 clase who is under textment at the Lampus Happital in show, received votus from the Combinating Officer that's upon his discharge from trapital to proceed to the Plan Yand Pres york and report to the Commandant for fuller order. His accounts and necessary transfer papers are transferred to the Commandant Phay yand Press york. From Merid to 4 P.M.

L. ma name Eneign W.S.M.

Dem 8 P. M. to Mid. Dais and pleasant, bear dew. Light variable to it Noly and it Oby sire. Barometer fulling. On meligible.

L. M. Nauw Energy M. P. Gr.

Hayen Hyalt. Soll. Narigator.

a	LOG	of	the	UNIT	ed States unchal Bay.	Sh Onadeira,	ip	ලි	SA	ex,	,			T,	hira	,	Rate
				Reading		WIND.				BAROMETEI	R. TEM	PERA	TURE.	The second second		1 3 2	1 3
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height The	Air, Dry Ballb.	Air, Wet Bulb.	Water at	State of the Weather, by symbols.	Forms of Clouds, b symbols.	Prop of Clean	StateoftheS
	A. M. 1				E. ly 9.	494.	1			30.32 7	3 73	70		b.c.u	cum atu	16	
	2		1		G. Phy N.		1			30.31 7	2 72	68	1			7	
	3				NE. By N.		1			30.30 7						8	
	4		1		Cheel		1-2			30.29 7	1 70	66			-	8	
	5	-			Oh. by A.	- 1	1			30.29 7	6 69	66	-	-	-	3	
	6				Or Eres.		1			30.29 7	0 69	66				6	1
	7				94.994.	, "	1			30.27 7	170	66			100	7	
	8					04.9e4.	1		200	30.26 7	2 72	68				1	
	9				Ok. by \$.	Ox. by 9.	3			30.24 7	4 73	69		b.c.m.		8	
	10				91.99.		3			30.25 7					atrat.	8	
	11						3			30.26 7	6,76	70				8	
	Noon.				£94.		3			30.28 7						8	

Course and distance	e made good since preceding noon by observations,	knots, tenths.
Course and distant		0 , "
	Latitude by D. R.	0 ' "
Position at Noon :	Longitude by D. R.	
	Latitude by observations of ⊙	0 1 "
	Longitude by chronometer from Forenoon Observations of O	0 , "
	( Latitude by	0 1 11
Position at 8 A. M.	Longitude by	0 , "
	( Latitude by D IR Low Donarture	32 0 14 147 " No.
Position at 8 P. M.	Latitude by DR. from Departure	17 020,23 " 04
Current during the	time, knots tenths per hour, setting to the	
(Error of the Compa	ss by Azimuth O observed at 3.50 PM, ship's head 94. 99.	21000, 94
1	ompass by Azimuth O observed at . , ship's head	2 00 . 94. variation used, 19000 94
(Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0 ,
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o / variation used, o /
Water expended du	ring the preceding 24 hours,	500 gallons.
Water Access	during the preceding 24 hours,	2000 "
Water remaining o	n hand fit for use at Noon,	3000 "
Coal consumed dur	ing the preceding 24 hours,	/ tons, 2200 lbs.
Coal remaining on	hand at Noon,	161 " 1300 "

			d. W.	ay.	/J	ew	din	Yan	radeira to.	ichal G	ssage from Fu	Making pa					
				1							10	10					1
				1	6											P. M.	
ed 8	1 8	cum strat	e.m.	B		76	80	80	30.25	2	01.991	OH . 9. OL.				1	
7										1			1.3	3	2		
7										2			4.9	7		3	
7	1									2	891.601	"	15.7	1	6	4	
7											1	,					
7										2	04 6 9						
1	1									1						7	
4	1										fo.					8	
10	1										41.8						
10	1									- 100	J. of S.						
10																	Ö
10																	
	100				10		10	12	72 30.24	"	01.31 W.			3	1		
				6.	75 74 74 74 73 73 73 73 73	75 76 72 70 70 68 68 68	81 82 85 80 76 75 73 73	80 86 79 78 76 75 74 72 72 72	30.23 30.21 30.21 30.19 30.21 30.22 12.30.24 12.30.25 12.30.25	2	9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9	<b>1</b> 00. 9.391. 9.391. 9.391.	1. 2 4. 2 4. 9 9. 6 15. 7 22. 0 28. 1 32. 3 34. 0 38. 0 46. S	3 1 2 0 4 0 5	6 4 1 3 4 2	5 6 7 8 9	

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commewce and entil 4 a. On. blear and pleasant Heary dew dight air to light buy from N. M. Baronete falling. a German steamer left the howbor at 1.45.

Lieutewant M. J. M.

Or um 4 to 8 a. M.

trame Soutallow bath came in and audignd bleevind in Supplier and accorde following fred permiser for view to ever 107/2 lb. hof. 107/2 lb. regetable and & ble brad.

Con dale Eurign U. F.M.

From 8 Q. M. to Pherid.

Bleav and warm. Tight to gentle here from Oh by I Riving barmeter.

Placewind in Equipment Dept. 2000 gallow frish water at Jobok started frie he brilers A b and D. Hard greater for muster at 9.00; no obsentes. Tent awaying below. How off cat and fish the start and and divalent for sea. and secured all brate except gig and dively for sea. I me name

From Meid. to 4 F.M.

Pleasant and brazy. Light airs to light breeze from Ob. 40t to 40t by Ob.

Barometer falling. At 1.15 how up put auchor and strained only of Durchel harbor Commanding.

Officer consumer the slip. At 1.50 took departure Los Rood braining Object (true), distant to mile, aship head 40. (pc). Put on patent log reading 1.3 and set conne 40t. Draft of ship 14' 4' forward, and 16 6" aft. Leury Friith (bh. Mach!) while at work at his station in the engine vorm had his hand caught in the machinery, thereby injuring and braking from of the bone.

At 2.15 by order of Commanding Officer chaluged coder to Or. 40. armage strain 65 lbs. Amage certification 40.

Jut Jordan. Quitenant 9.89.

Eusign W. F.M.

Oum 4 to 8 9.9%

blear to fair and pleasant slight been to light aire from Fd and Pd until about 7.40, when sund alifted to Faith. Ftering chuse PG. Fd. under steam alme until 6.45 when stopped steaming and meads sail to royale eaceff main and migger trymast stayuale and maineail. By the wind metabound tack until 7.40 when braved arbund on pert tack Q47.20 took in maine therein and against fire in briles 6 and 2 and banked fire in briles 4. Oakhub caller and secund auchor for sea Revolution 40 I team pressure 56 lb. Leutedant Q. J. M.

From 8 P.M. to Mid.

Pleather clear. Stretch brees from F. By E. gradually drying not to calm. At end of worth light brees spring up from N. M. Barmeter steady. At 8.30 set broads trysail and spruker and took in flying jet. At 10.40 troth in for and aft sails lacept the bread pails, exting them again at sud of writel. They render sails alone ottoming a concer. There was sunder weather with sunder wall alone ottoming a concer. There was sunder weather with sunder and out to be correct. Lewitenant 9.59 Examined and found to be correct.

Roger Hall-Lewtenan Ab J. W. Navigator

## LOG of the UNITED STATES

of the United States Ship Essex. Third Rate, Making passage from Funchal Madeira to Gardiners Bay L.D.

		1	Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			Clear 10ths.	-
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop of C Sky, in 10	
M.	14	5	41.8	01.991.	126 by 1.	3		3/4	30.23	70	70	67	73	b.m.w.	none	10	
2	1	0	Hauledin	9 Ot by 04.	Jet.	1			30. 20			67	11		"	10	
3	0	5		., 0		1			30,20	70	70	67	74	,		10	
4	1	5		OL. 901.	East	2			30.19	71	70	67	74			10	
5	1	0			NE.	1			30.19	72	71	68	74	b.c.m.	civ.ateal.	9	1
6	0	5				1			30.20	71	71	68	74			9	ı
7	1	0	_	<b>FOL.</b>	Ot. A Ot.	1		1/2	30.21	72	72	69	74		1	9	
8	1	0	41.9			1		1/2	30.20	72	72	69	74	-		9	
9	3	5	44.4	વા. કેલા.	8.96.	3.			30.2/	72	72	69	70	,	,	9	
0 .	5	6	50.		Gast	4			30.22	74	74	70	71			8	
1	5	5	55.5		,	4			30.21	74	75	70	72			8	4
on.	1	6	62.1	1		4			30.22	76	77	172	72		1	8	

	74. 4 Distan	ee ly drg . demostrers			
	Course and distance	e made good since preceding noon by	observations, \$45296.	67 knots, tenths.	
	ł .	(Latitude by D. R.		31 044 53 " N.	
		Longitude by D. R.		17 051 141 "94.	
	Position at Noon :	Latitude by observations of O		31 049 59 "N.	
		Longitude by chronometer from Fo	orenoon Observations of O	17 6 49 14 "OV.	
		(Latitude by D. R. funn depa	ituu	31 0 59 06 " dr.	
	Position at 8 A. M.	Latitude by D.R. fum depa Longitude by Observation 0			
				31 030 46 "1.	
	Position at 8 P. M.	Latitude by S. R. fum Nom  Longitude by Chummeter fun	m G. m. observation o	18 016 . 56 . 04.	
	Current during the	time, 0.22 knots tenths pe	r hour, setting to the 9 17	· 04.	
(	Error of the Compa	ss by Azimuth O observed at 7.550	M, ship's head 901. 404.	1.04. 17.036 .01.	To the second
		ompass by Azimuth O observed at		201. 17036 Ph.	variation used, 20 000
(	Error of the Compa	ss by Azimuth O observed at	, ship's head	0 ,	
1	Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0 ,	variation used, o
	Water expended du	ring the preceding 24 hours,		450 gallons.	
	Water	during the preceding	24 hours,		
	Water remaining or	n hand fit for use at Noon,		2550 "	
	Coal consumed duri	ing the preceding 24 hours,	7	tons, 1440 lbs.	
	Coal remaining on	hand at Noon,		160 " 2100 "	

1										,			-			-		+
	P. M.										100		1					ł
	1	5	8	67.9	04.904.	6.96.	4		36.20	75	79	73	73	6.0.m.	cum.	4	2	H
	2	04	2	67.9	9.9.04.3/404.		4		30.19	74	79	78	73			8	"	I
1	3	5	0	78.3		East	4		30.19	74	76	71	73			6		H
	4	3	8	82.1		6. h. N.	3		30.19							5		1
-	5	2	0	82.9		1. 494.	2.3		30.16	77	79	73	73		cum minel	4	٠,	
4	6	1	5			50	1-2	1/2	30.18	77	79	73	73		1	3		Į.
	7	2	0			E. by N.	2		30.18						* .	3		H
	8	3	6	86.0	and the same	1	3		30.23							2	*	-
	9	4	7	90.7			3		30.23							2		
	10	4	8	95.5		JVE.	3		30.24							2		H
	11	5	8	1.3		,,	4		30.24					b.c.		2		H
	Mid.	6	1	7. 4			4		30.24				73			2)		
										1	-	1	1					1

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a.m. from N. 9. to East thingh North On course Ph. 99. This and last house and to become of come between the same when ship had back, stenageway. It send of watch watch well all aquair stenageway. It send of watch watch wide all main sail jit and for topmant staysail, having take in the spacker at 2, and the main and muzie topmant slaysails and main tupail at 3. Mornlight dong Note, gurll. Banked fine under briler A. Banked fine under biler A. Ca Violate Guerge QL. J. M.

From 4 to 8 a. M. lolean and pleasant. Tight & Ely and ON & Orly airs. On come ON IN tell 60 clock then by the wind on starboard tack. Ob change in hail Long Waly will. Executed mouling orders. L'M name

Gusiga a & a Flearant and bayy. Gentle to moderate brey from Oh. 4 th akipting to E & and East. Barometer steady. Long sures from N & Fleering by the wind m' starboad tack under square sail to wishle (eacept manual) aparker and main trysail. At 8.15 act main and muyen topmach staynals. Fleered a course Ot F Ot. At 9.15 halled down main topmach ataynal; At 9.25 for topmach etaysail. At 11.00 act awape reflet manual and bracked up main trysail. At 9.30 mustared at granter samured Powde Dinisine great gues; 1. Dinisine, pictolo; 2nd Dinisin, infantry; 3rd Dinisin, angle etreks arised hadding.

J. M. Jordan. Leutenaut & A. A. M.

From Merid to + P. M.

gradually hauling to S. by S. Long surll from Site and Ord. Feering course Or Fl. until 108, when changed the Or Flesh Wilder all sail eacept for and main themast staysails at first at 2.50 took in mysen topmast staysails and epauker and at 3, haulid up port cleur of mausical Piets down and bridging. St. Leaby St. J. St. J. St. J. St. S. St. S. St. S. St.

Linterant OL J. R.

From 8 G. M. to Mid. bloody dams fries year of watch. Gentle hery from E. By A. to moderate bergy from A. E. shifting ather 10. On cours A. J.M. 44 M. (pc). At 8.30 hailed dams ift and flying jet and at 10, get her Cleul of manifold. NELY sea and will to which ship willing. Grown are about 10.30.

Examined and found to be correct. who about 10.30.

Hoger Helalt Q. S. W. Navigator

LOG of the UNITED STATES

Ship Essex, Third Rate, and Fundal Madeira, to Gardiners Bay & D.

	1	1	Reading		WIND.				BAROMET	TER.	TEMI	PERAT	URE.			Clear 10ths.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C Sky, in 10t	Section Colons
A. M.	50	5															
1	5	7	13.1	Cu. for. 3/+ Q1.	NG.	4			30.23	73	73	68	73	6.c.m.	Cum mil	.3	9
2	4	5	17.6	,		3			30.28	73	73	68	73		4	2	
3	2	7	20.3		6.46.	2			30.22	73	72	68	73	"		1	10
4	1	8	22.1		East	2			30.21	73	72	68	73			1	
5	3	8	25.9			3			30.22				72			1	
6	3	4	29.3			3			30.23	•	,		72			,	
7	1	1	31.4		6.16.	2			30.23	1 .	1			0.c.m.	,	0	T
8	1	0	34.4		JE.	2			30.25	1	1		73	,	1	0	
9		3	38.7		7	3			30.25	1 .	1 .		1				
10	3	4	42.1			2.3			30.25				73			0	
11	2	100	44.3		16 46	2			30.25				73			0	1
oon.				The state of the s	6. NE.	2							73			0	
Noon.	2	0			G. WE.	2			30.26	76	77	72	73			1	0

	Course and distance	e made good since preceding noon by ob	servations, No observation	89 k	nots, 4	tenths.		
		(Latitude by D. R.		30	0 54 4	LO" N.		
	,	Longitude by D. R.		19	013'0	8 " QL.		
	Position at Noon:	Latitude by observations of O	The observation		0 ,	"		
		Longitude by chronometer from Foren		. 19	014 2	5 . 94.		
		(Latitude by D. R. how Nome		31	014 2	0 " N.		
	Position at 8 A. M.	Latitude by D. R. from Nome Longitude by bewation o			00311			
	1	(Latitude by D. R. Lum Som	· Charles		041 '3			
	Position at 8 P. M.	Latitude by D. R. fund None Longitude by Chunnmeter fund	3. n. observation o	19	0 36 . 5	2 " 94.		
	Current during the	time, knots tenths per ho	our, setting to the	,				
-	(Error of the Compa	ss by Azimuth O observed at 3.20	ship's head 91 904.3/494	. 19	000 9	t.		
-		ompass by Azimuth O observed at ,,	, ship's head	1	000 . 6	W.	variation used, 200	18.00
	(Error of the Compa	ss by Azimuth O observed at	ship's head		0 ,			
	Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0 ,		variation used,	
	Water expended du	ring the preceding 24 hours,			450	gallons.		
	Water	during the preceding 24	hours,					
. 5	W		1		110	~ "		

water remaining on nand nt for use at 1900n,	2100
Coal consumed during the preceding 24 hours,	ton's, — lbs.
Coal remaining on hand at Noon,	160 " 2100 "

						-					-				
P. M.		1						1							0
1	3	4	45.9	OL 901.4404	East	2.3	30.25	76	76	71	73	0.0.20.	cum nine	0	d,
2	3	0	48.9		4.	2.3	30.24					b.c.m.		2	4
3	3	6	52.5			2.3	30.24	76	77	71	73	"	1	1	"
4		2				2	30.24	74	77	72	43			2	
5		5	The state of the s		,	2	30.22					4		3	
6			54.9		J. 8.	2	30. 25						12	2	
1			58.6		0,0	2	30.27	71	75	71	73	,		1	
8			61.4		8.48.	2.3								2	
9							30.26							0	1
1000			68.2		6. by N.	2						0.0.m.d.			
10	3	1	66.3			3	30.27	75	74	70	73	0.0.m.		0	-
11	3	7	70.0			3	30.27	75	74	70	73	b.o.m.		3	
Mid.	3	2	73.2			2-3	30.27							4	
1	1						00.21	10	1	10	1		10000		1000

, U. S. Navy, , 1896.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and suite + a. M. Cloudy and pleasant. Montight between clouds. Merdente breve from \$16. decuasing in free to light breve roung to Elst. Barmeter falling absolute on come 9. 99. 34. M. Ch. Cho change in each.

Eusign U.S.M. From + to 8 a.m. Cloudy and pleasant Tight to gette hely from East to N.E. Bavoneter ning. Ing early from N.E. Steering a course of P. N. N. under equal said to repet except pool clew of manuscid. At 7.30 Let pool clew of manuscid. By order of Commanding Officer confused on quarter cleek from 7 a. M. to P.M. hammocks, on brad and water for three (3) drays, & a. Begurin (App. 5 cless): offence, refusing to obey the order of a Petry Officer.

Leutenant U. J. M.

Orom 8 a. On. to Mend. Overcast Light to gentle bruge from N.E. at first hanling to E. N.E. at end. Thering course Oh. 994. 349h. under all aguan earl (eaugh weather cleve of manhaul) and for top much atayeal at 8.10 set wrather cler of maineall, flying jet, jet and migrou topman etayeal at 9.30 multived and inspected at quartee at 9.37.45 animated to General Direction experted wardy as follows: I missed Grover, 9.39.13, First 9.39.13, after Ponder, 9.40.25, Thind 9.40.56, Nangatore 9.41.10, Gened 9.42.20 Secured at 6.45.35 animated to General Rivative Direction experted wady as follows: Often Ponder, 9.46.15, Thind 9.46.25, Oracle 9.46.39, Oracle Ponder, 9.46.46. Gened 9.47.10 all ready in 1 mins: 35 areade. Technol at 10.03. 9.16. Muyely, and was rated Gracier at anno 3 class by order of Communication allies to date home July 20 Commanding Officer to date from July 29. LB, Luby Luitewant Q. S. C.

From Merid. to 4 PM. Oberther cloudy but pleasant Light to gentle breze from East. Barmeter steady. At 10 clock took in port claw of mainsail and put was ported bog registering 45.9. Willtestiken Sientenant & M.

Grow 4 to 8 P.M. Crow 4 to 8 G.M. Shody but pleasant wight and quarter beyon from Each 16. and E. N. E. On orner 18 M. M. M. Of 5.35 to 5.50 tandered trev at first quarter getting up provisioner and launch tracker and statime for furnished broth amb atauchang slip Ut 5.50 indee at early expensive and gaff topical Decidency from the Harry General general of expensioner the Harry Service by reason of expensioner full thank James Bernel Relief approximate as Practical al annex classes, to 0. to Generally Book in eight borned off purk low until dark standing to 9 Mil.

Relief ale

From 8 PM. to Mid.

One and and alonely cleaning man end of watch Light to gentle buy from E. by A. Steady barmeter On once 16, 304. 46. At 8 10 hauled down mine and myzer topmand stayears of men was to 10.25. Examined and found to be correct.

6.7. Dirring
Commander Oh. S. Or.
Page Sixtenant Party Servicement
Commanding Eneign Q. J.M.

